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(1) College of Science, Oregon State University: three positions

Oregon State University is searching for collaboratively-minded faculty with an enthusiasm for research and teaching at the interface between the life or environmental sciences and the quantitative or physical sciences. Appointees will be expected to develop independent and collaborative grant-funded research programs, at levels of scale from the molecular to the ecological. The research, teaching, and extension programs of the appointees are expected to integrate student success, and diversity and inclusion, as core values. This search is part of a large cohort of new faculty hires at OSU focused on interdisciplinary research, on advancement of diversity, and on advancing and equalizing student success. Women and minority candidates are strongly encouraged to apply.

To review the full position announcements, qualifications and detailed application information for any of these positions, go to [http://oregonstate.edu/jobs](http://oregonstate.edu/jobs) and select the relevant posting number.

COMPLEX SYSTEMS IN THE LIFE AND ENVIRONMENTAL SCIENCES

Two assistant professor (9 month) positions are available in any domain where the life or environmental sciences intersect with the quantitative or physical sciences. Complex systems in the life and environmental sciences span numerous levels of scale from metabolites, macromolecules, cells, tissues, and organisms, to populations, communities and ecosystems. Increasingly, understanding these systems requires interdisciplinary collaborative research at the intersection with quantitative or physical sciences. Each appointment will reside jointly in a life or environmental sciences unit, and in a physical or quantitative sciences unit, depending on the appointee’s expertise and interest. Posting #0013430; Closes February 6, 2015. Contact: Brett Tyler (brett.tyler@oregonstate.edu).

QUANTITATIVE SYSTEMS BIOLOGIST

Assistant Professor (9 month) position in the Department of Integrative Biology (70%) and the Departments of Mathematics or Statistics (30%). The appointee will use and develop mathematical or statistical approaches to tackle problems in systems biology in the broad sense. Research focus can be at any level of biological organization, but must involve strong quantitative approaches and integrating large data sets. Candidate will teach in the general biology curriculum and will teach courses aimed at improving the quantitative skills of biology students. Posting #0013398. Closes January 25, 2015. Contact: Tara Bevandich (Tara.Bevandich@science.oregonstate.edu; 541-737-5336).
College of Education, Criminal Justice, and Human Services, University of Cincinnati: Assistant/Associate Professor of Data Analytics/Quantitative Research Methodologies

The Schools of Education and Human Services in the College of Education, Criminal Justice, and Human Services are seeking applications for an interdisciplinary tenure-track assistant or associate professor position specializing in research and teaching related to data analytics and quantitative research methodologies in the context of education and/or prevention science (within human services disciplines) research. The prospective faculty member will have a primary appointment within the Quantitative and Mixed Methods Research Methodologies (QMRM) program in the School of Education, contribute to the efforts of the Center for Prevention Science in the School of Human Services and work collaboratively with other scholars at UC within the context of the newly created Institute for Analytics Innovation funded by the University of Cincinnati's Interdisciplinary Cluster Hiring Initiative, a collaborative effort among the College of Education, Criminal Justice, and Human Services; Business; Engineering and Applied Science; and Cincinnati Children's Hospital Medical Center (http://www.uc.edu/news/NR.aspx?id=20559). The position begins August 15, 2015.

Minimum Qualifications: Applicants must have an earned doctorate in a related field from an accredited university by August, 2015. Documented research and experience with data analytics, including the development and/or rigorous application of methods of causal inference, Bayesian statistics, data mining, measurement or related topics; evidence of potential for generating and contributing to funded research programs; evidence of successful teaching; and the ability to work across disciplines are expected.

Preferred Qualifications: We are seeking an innovative scholar with a record of documented independent research accomplishments, external funding, and a national/international reputation or the clear potential to become such a scholar. A well-established and distinguished record of scholarship and exemplary teaching record is required for appointments at the rank of associate. The ability to work collaboratively with those in other disciplines to develop and refine methodologies for handling and analyzing large data sets will be viewed favorably.

Responsibilities: Responsibilities for this position include: (1) Conducting and supporting research consistent with the QMRM program, the mission of the Institute for Analytics Innovation, and the Center for Prevention Science, (2) working collaboratively with faculty within the college and across the university in support of quantitative research methodologies / data analytics, (3) obtaining research funding, (4) teaching and mentoring students and supervising student research (5) university, professional, and community service, including participation in continuous program improvement and new program development, as appropriate.

Procedure: A review of candidates will begin January 1, 2015 and continue until filled with a projected start date of August 15, 2015. University of Cincinnati is an affirmative
action/equal opportunity employer. Women, minorities, disabled persons, and Vietnam Era and disabled veterans are encouraged to apply.

Interested applicants should submit a cover letter addressing their qualifications, curriculum vitae, transcripts, and 3 references online at http://www.jobsatuc.com.

Please address questions to Search Co-Chairs:

- Dr. Christopher M. Swoboda, Assistant Professor and Coordinator, Quantitative and Mixed Methods Research Methodologies, christopher.swoboda@uc.edu; 513-556-0782
- Dr. LaTrice Montgomery, Assistant Professor, Human Services, latrice.montgomery@uc.edu; 513-556-3344

The School of Education at the University of Cincinnati is located in the College of Education in the Criminal Justice, and Human Services. Set in a vibrant, urban-based, Research I institution, the School of Education has more than 60 full-time faculty members and serves approximately 1600 undergraduate and 700 graduate students. The School of Education's graduate programs in education are ranked 18th among online master's programs in education and 62nd among the nation's top graduate schools of education according to US News & World Report. For more information about the School of Education and its degree programs please see: http://ceh.uc.edu/education.html

Located within the College of Education, Criminal Justice, and Human Services, the School of Human Services includes programs with an interdisciplinary emphasis in prevention, applied research, and positive community outcomes. The School includes undergraduate and graduate programs in School Psychology, Counseling, Health Promotion and Education, Athletic Training, and Sport Administration. For more information about the School of Human Services and its degree programs please see: http://ceh.uc.edu/human-services.html

Cincinnati is the third largest city in Ohio with a metropolitan area encompassing Northern Kentucky and Southeastern Indiana. Home to beautiful parks, historical architecture, a world class zoo, interesting museums, a dynamic symphony orchestra, classical ballet, professional sports, outdoor adventures, and a picturesque river valley, the area has received accolades for being a smart city with livable communities. Regional information can be found at http://cincinnatiusa.com/

(3) Graduate program in survey research and methodology, University of Nebraska-Lincoln: Post-Doctoral Research Associate

Position: One- year, Post-Doctoral Research Associate position, Graduate Program in Survey Research and Methodology.
Qualifications: The successful candidate should have a Ph.D. in survey methodology, or a related field, and outstanding potential for research and teaching in survey methodology. Preference will be given to applicants within three years of having received the Ph.D. Applicants should be able to establish a strong independent research program and to work with a mentor in an area in which UNL's survey research and methodology faculty is currently active.

Starting Date: Appointment will begin in August 2015. Review of applications will begin January 15, 2015, and continue until the position is filled.

Duties/Responsibilities: Research responsibilities on an NSF-Census Research Network grant.

Salary/Benefits: A starting AY salary of $56,000 is anticipated. Additional travel support and some summer salary may be provided. UNL makes available life, health, and long-term disability insurance programs as well as family coverage at reasonable group rates to employees. TIAA/CREF and/or Fidelity Investment Fund are offered as retirement plans.

Applications: To be considered for the position, applicants should submit: a letter of application, a CV, and statements addressing their research and teaching, and three letters of reference, using sramoffice@unl.edu. If using sramoffice@unl.edu is not possible, hard copies may be sent to:

Professor Allan L. McCutcheon
Graduate Program in Survey Research and Methodology
University of Nebraska-Lincoln
933 Oldfather Hall, P.O. Box 880366
Lincoln NE 68588-0366

(4) Biometrics Division of the Cancer Institute of New Jersey (CINJ) and the Department of Biostatistics of the Rutgers School of Public Health (SPH): Biostatistician Faculty Position

The Biometrics Division of the Cancer Institute of New Jersey (CINJ) and the Department of Biostatistics of the Rutgers School of Public Health (SPH), in New Brunswick/Piscataway, New Jersey is seeking for applications for a tenure-track faculty Biostatistician starting immediately.

Biostatistics is an essential part of the nucleus of the biomedical and health science research at CINJ and RutgersSPH. Biostatisticians with qualified background and skills are needed to collaborate with biomedical and public health investigators for a wide range of important problems resulting from new experimental and observational paradigms.

Specifically, the faculty person will:
- Develop statistical methodology and conduct collaborative research with other biomedical investigators in the cancer research programs at the CINJ.
- Participate in the design and conduct statistical analyses of clinical trials, population studies, biomarker and NGS data and other experiments in genomics and proteomics.
- Provide support to system biology and precision medicine research programs at the CINJ such as regularization techniques used for tackling high-dimension-low-sample-size problems.
- Participate in the educational activities of the biostatistics program at SPH.

Qualifications:
- PhD in statistics, biostatistics, or equivalent.
- Strong training and records in modern multivariate statistics methods.
- Bio-computing (SAS and R) experience, and experience in cancer genetics collaborative research and studies.
- Good oral and written communication skills.
- Interest in pursuing a career in academic research, teaching, and consulting environment.

Preference will be given to appointments at the Assistant or Associate Professor level, although applications from more senior biometricians will also be considered.

The campuses offer modern computer & research facilities to support research in biomarker, translational studies, clinical trials, genomics, proteomics, NGS technologies, big data, and related areas. Cooperative educational and research programs exist with neighboring academic institutions and affiliated Centers of Excellence.

For consideration, please send curriculum vitae, a statement of research interests and 3 reference letters to: Professor Weichung J. Shih, Chair, Department of Biostatistics, Rutgers School of Public Health, and Director of Biometrics Division, Cancer Institute of New Jersey, Rm 5007, 120 Little Albany St., New Brunswick, NJ 08901.

(5) Department of Biostatistics, UCLA: open rank

The Department of Biostatistics at the UCLA Jonathan and Karin Fielding School of Public Health is searching for an open-rank, tenure-track or tenured professor to join our faculty (http://www.biostat.ucla.edu). The department encourages applications from outstanding candidates who are committed to education and engaging in cutting-edge research involving methodological approaches and practical solutions to confront the challenges of complex data structures in public health, with a focus on Big Data and its applications to diverse scientific problems.

Opportunities for multidisciplinary collaboration are abundant and encouraged, both within and outside the health sciences. The Fielding School
of Public Health is located on the main UCLA campus, in direct proximity to the other health sciences schools (Medicine, Dentistry, Nursing) and the College of Letters and Science. The UCLA community has a strong history of and commitment to interdisciplinary research and collaboration, not only with other health sciences, but also with faculty in Public Affairs, Education and Law. Beyond the Department of Biostatistics, UCLA has many other world-class statisticians, not only in the Department of Statistics, but also faculty members in departments such as Medicine, Biomathematics, Human Genetics, Psychiatry and Psychology.

Candidates should hold a PhD or equivalent in statistics, biostatistics or a comparable data science field by the date of appointment, as well as a demonstrated commitment to public health. Candidates should provide, depending on their level of experience, either potential for or evidence of scholarly impact through publications, excellence in teaching, and ability to obtain extramural funding, as well as strong oral and written communication skills. Faculty appointment level and salary will be commensurate with the candidate's experience and qualifications.

To apply: submit a cover letter, curriculum vitae, contact information for three references, a statement of research interests and goals, a teaching statement and one or two manuscripts or articles representing your most important work to the Chair, Faculty Search Committee using the link: https://recruit.apo.ucla.edu/apply/JPF00718.

The Search Committee will review applications immediately and continue until the position is filled. The earliest possible start date for this position is July 1, 2015. Informal inquiries may be submitted to Dr. Marc Suchard, Chair of the UCLA FSPH Biostatistics Faculty Search Committee at: biostatsearch@ph.ucla.edu.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: UC Nondiscrimination & Affirmative Action Policy (http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct).

(6) Department of Statistics, University of British Columbia: postdoctoral position

A postdoctoral fellowship is available in Professor Paul Gustafson’s research group, in the Department of Statistics, University of British Columbia. The anticipated start date is August 1, 2015. The initial duration would be one year, with a possibility of extension.
The fellow will have the opportunity to become involved in multiple projects drawn from the four theme areas of Bayesian methods for causal inference, coarsened data, partial identification, and evidence synthesis.

Information about the research program, the department, and postdoctoral fellowships at UBC generally, is available at the following links:

www.stat.ubc.ca/~gustaf

www.stat.ubc.ca

https://www.grad.ubc.ca/postdocs

Qualifications: PhD is Statistics, Biostatistics, or a closely related discipline. Excellent communication, computing, and analytical skills. Ability to work both independently and collaboratively.

To apply: E-mail a curriculum vitae, contact information for three referees, and a brief statement outlining how your training to date and your research interests mesh with the theme areas. All materials should be sent by email to gustaf@stat.ubc.ca. Screening of applications will begin mid-February. Only those short-listed will be contacted.

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**Funding**

(1) NIH Big Data to Knowledge (BD2K) program additional receipt date

The BD2K program is pleased to announce an additional receipt date, March 1, 2015, for T32 and T15 institutional training programs. Complete information about this change and corrections can be found in these Notices:

- [NOT-HG-15-009](https://grants.nih.gov/grants/guide/notice-for-corr-15-009.html) Notice of Additional Due Date and Correction for RFA-HG-14-005 "Revisions to Add Biomedical Big Data Training to Active Institutional Training Grants (T32)"
- [NOT-HG-15-010](https://grants.nih.gov/grants/guide/notice-for-corr-15-010.html) Notice of Additional Due Date and Correction for RFA-HG-14-006 "Revisions to Add Biomedical Big Data Training to Active NLM Institutional Training Grants in Biomedical Informatics (T15)"
Final receipt dates for the revisions and new T32s remain unchanged. The last receipt date for new T32s (RFA-HG-14-004) is July 27, 2015. The last receipt date for T32 and T15 revisions (RFA-HG-14-005 and RFA-HG-14-006) is July 28, 2016.

The purpose of the three related Funding Opportunity Announcements (RFA-HG-14-004, RFA-HG-14-005, RFA-HG-14-006) is to solicit applications for graduate training programs in Big Data Science, to train the next generation of scientists who will develop new computational and quantitative approaches, methods, tools, and technologies needed by the research community to work with Big Data in the biomedical, behavioral, and clinical sciences.

Applications should demonstrate that trainees will work effectively at the intersection of these three scientific areas - computer science/informatics, statistics/mathematics, and biomedical science. Applications for training programs that focus exclusively on one or two of the BD2K relevant scientific areas or on just a few diseases will not be considered responsive.

Erica Rosemond, Ph.D.
Bettie Graham, Ph.D.
Michelle Dunn, Ph.D.
Co-chairs, BD2K Training Subcommittee

(2) NIJ Corrections Research Priorities for FY2015: interest in proposals for corrections research


The National Institute of Justice (NIJ) has issued a Dear Colleague letter to alert social and behavioral science researchers to its interest in receiving proposals related to corrections that can strengthen the knowledge base and enhance corrections practices. For Fiscal Year 2015, the NIJ Office of Research and Evaluation’s particular interests in corrections research include but are not limited to the following:

- Alternatives to incarceration, their consequences and cost effectiveness.
- Correctional officer safety and wellness, coping mechanisms and intervention programs.
- The impact of the prison experience and facility characteristics on reentry.
- Short- and long-term implications of offender employment, discrimination and redemption.

Other topics of research on corrections are valuable, especially those involving randomization of interventions or programs of interest, diversion programs, and probation and parole. NIJ is interested in building sound, evidence-based knowledge of
interventions or programs that work in a variety of organizations under varied circumstances.

The "Research and Evaluation on Justice Systems" solicitation should be available on the NIJ website in early 2015. In all cases, interested prospective applicants are highly encouraged to consult with project officers prior to submission. Applicants interested in research on general corrections issues should contact Dr. Marie Garcia at Marie.Garcia@usdoj.gov. Applicants interested in employment and redemption should contact Ms. Marilyn Moses at Marilyn.Moses@usdoj.gov.

Learn more about NIJ's FY2015 corrections research priorities. Read the full letter.

Other opportunities

(1) Designed Experiments: Recent Advances in Methods and Applications DEMA 2015

14-17 December 2015
University of Technology Sydney
Sydney, Australia

www.southampton.ac.uk/~demar2015
Email: dema2015@southampton.ac.uk

DEMA 2015 will bring together researchers and practitioners for the interchange of new ideas on the design and analysis of experiments. The workshop will emphasise both methodology and application areas, and should be of interest to scientists and engineers who use experiments, as well as to statisticians. Researchers of all levels of experience, including PhD students, are encouraged to participate and submit abstracts for talks and poster presentations.

This will be the fourth meeting in the DEMA series, which started in Southampton in 2006. This will be the first DEMA meeting outside the UK ("DEMA Down Under!").

Scientific Programme
The scientific programme will include keynote talks and invited presentations from leading researchers from around the world. Abstracts for contributed talks and posters are encouraged, particularly from early career researchers and PhD students. Abstracts should be submitted online with the conference registration form.

Early Career Scholarships
We plan to offer a limited number of scholarships to provide a modest contribution to conference expenses for early career researchers (PhD students and researchers within 3 years of obtaining a PhD) who contribute a poster or talk. These will be awarded on the basis of a submitted abstract and a curriculum vitae.

Venue
The conference will be held at the University of Technology Sydney at the edge of the Sydney central business district and close to Central train station and the Darling Harbour entertainment quarter and numerous accommodation options. https://goo.gl/maps/l2ief

Important Dates
Early-bird registration closes: 31 August 2015 Deadline for contributed abstracts: 1 July 2015 Conference dates: 14 - 17 December 2015

Sponsored by JMP, VSNi and the International Society for Business and Industrial Statistics.

Scientific Advisory Committee
Dave Woods (University of Southampton, Chair) Stephen Bush (University of Technology Sydney) Sue Lewis (University of Southampton) Ken Russell (Charles Sturt University) Debbie Street (University of Technology Sydney) John Stufken (Arizona State University) Min Yang (University of Illinois at Chicago)

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