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(1) Idaho National Laboratory: Statistician

Job Title: Statistician (SE0300/SE0400)  
Org: Human Factor, Controls & Statistics  
Contact: Laurie Taylor, laurie.taylor@inl.gov  
Work Location: Idaho Falls, ID (Town)  
Application Information: www.inl.gov

Responsibilities: The Idaho National Laboratory (INL) is seeking candidates for a Statistician. In this position, the successful candidate will provide statistical analysis, statistical programming, and data management skills to a variety of projects at the INL. Serve as company resource in the area of statistics by consulting with senior level scientists, engineers, and management on a variety of statistical issues. Apply current statistical techniques to complex engineering and scientific problems. Pursue and secure new funding for self and other members of department. Provide technical leadership to statistics personnel. Perform research in collaboration with scientists of other disciplines and publish results in peer-reviewed journals.

Qualifications: MS degree in statistics plus 5 years relevant experience; or PhD in statistics plus 3 years relevant experience.

Special Requirements

1. Experience applying statistical methods to solve complex engineering and scientific problems.
2. Experience with statistical computer software and associated programming languages.
3. Experience in statistical design of experiments.
4. Excellent written and verbal communication skills.

INL Overview: The INL is a science-based, applied engineering national laboratory dedicated to supporting the U.S. Department of Energy's mission in nuclear energy research, science, and national defense. With 3,800 scientists, researchers, and support staff, the laboratory works with national and international governments, universities, and industry partners to discover new science and develop technologies that underpin the nation's nuclear and renewable energy, national security, and environmental missions.
The Idaho Falls Area: Idaho Falls is conveniently situated near many national treasures such as Yellowstone National Park, Teton National Park, and Jackson, WY. For more information about the area, please visit www.visitidahofalls.com and www.visitidaho.org.

(2) University of Newcastle (Australia): Professor/Associate Professor of Public Health (Statistics)

The University of Newcastle has an international reputation for research excellence, being the most research-intensive regional university in Australia. It attracts strong government and private sector support, maintaining a consistent ranking in the country's top 10 universities for research funding.

The School of Medicine and Public Health is internationally recognized for excellence and innovation in teaching and learning. The School is strongly affiliated with one of Australia's most innovative health and medical research institutes, the Hunter Medical Research Institute, universally acknowledged for ground-breaking medical research, and which, in 2012, opened a new $90M state-of-the-art facility.

This is an exciting opportunity for an outstanding individual to provide vision and leadership for the Public Health (Statistics) discipline, working with clinical, public health and health service researchers and leading an independent program of research. Fostering a dynamic, productive and globally competitive research environment through research collaborations, the generation of external grant income and increasing the research profile, and promoting excellence in teaching and learning through appropriate curriculum development and delivery are key requirements of the role.

The successful candidate will join the School's multidisciplinary research and teaching teams and will be based in the state-of-the-art Hunter Medical Research Institute Building on the John Hunter Hospital Campus. Applicants should be able to demonstrate expertise in one of the following areas: development and advancement of statistical methods; analysis of longitudinal and linked data; novel methodological approaches to health services research and evaluation; clinical and/or community-based trials; distance learning education.

The appointment may be made at Associate Professor or Professor level, depending on the skills and experience of the appointee.

CLOSING DATE: 20 March 2015

ENQUIRIES and APPLICATIONS

The position description can be found at http://www.newcastle.edu.au/job-vacancies/

or contact brenda@carolwatson.com.au
For a confidential discussion, please contact: Brenda Gibbons: +61 7 3700 4438 or brenda@carolwatson.com.au

Applications to amanda@carolwatson.com.au

Carol Watson Executive Search and Consulting

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**Funding**

(1) Two new solicitations from NIJ

New Solicitation: Using DNA Technology to Identify the Missing
[https://www.ncjrs.gov/pdffiles1/nij/SL001154.pdf](https://www.ncjrs.gov/pdffiles1/nij/SL001154.pdf)

02/13/2015

NIJ is seeking proposals for funding under the Using DNA Technology to Identify the Missing program. This program offers assistance in performing DNA analysis on unidentified human remains and family reference samples to support the efforts of States and units of local government to identify missing persons. Make sure you complete your application before the April 28 deadline!

New Solicitation: DNA Arrestee Collection Process Implementation Grants Program
[https://www.ncjrs.gov/pdffiles1/nij/SL001156.pdf](https://www.ncjrs.gov/pdffiles1/nij/SL001156.pdf)

02/12/2015

NIJ seeks proposals from eligible States with designated DNA database laboratories for funding to assist with the costs associated with the implementation of DNA arrestee collection processes, in keeping with the purposes of the Katie Sepich Enhanced DNA Collection Act of 2012 (Public Law 112-253), thereby helping to improve the capacity of laboratories that conduct DNA analysis of DNA database samples. The deadline for applications under this funding opportunity is April 27.

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**Other opportunities**

(1) Statistical Challenges of Scientific Reproducibility Workshop; Feb 26-27

Attend in person or online. Hosted by the Committee on Applied and Theoretical Statistics of the National Research Council of the National Academies.
Thursday, February 26, 2015, 8:30 a.m. – 5:45 p.m.

Friday, February 27, 2015, 8:30 a.m. – 1:00 p.m.

NAS Lecture Room, National Academy of Sciences Building, 2101 Constitution Ave NW, Washington, DC 20418

- What are appropriate metrics and study designs that can be used to quantify reproducibility of scientific results?
- How can the choice of statistical methods for study design and analysis affect the reproducibility of a scientific result?
- Are there analytical and infrastructural approaches that can enhance reproducibility, within disciplines and overall?

These and other questions will be addressed in a series of presentations and discussions.

Register by Tuesday, February 24 to attend in person or online.

(2) Medical University of South Carolina, Department of Public Health Sciences
Summer Institute 2015: Workshops In Quantitative Research Methodology

The 2015 Summer Institute in the MUSC Department of Public Health Sciences offers 4 two-day workshops in Charleston, SC May 4-15th that introduce current quantitative methods in key areas of biomedical and clinical research and offer hands on experience with implementing these methods. Topics include Clinical Trial Designs, Longitudinal & Multilevel Modeling of Continuous and Categorical Data, Introductory Bayesian Biostatistics, and Advanced Bayesian Biostatistics. For more information visit: http://academicdepartments.musc.edu/phs/news/2015%20Summer%20Institute.

Please contact June Watson at watsonju@musc.edu for further information.

(3) SAMSI Computational Neuroscience Summer School

July 27-31, 2015, SAMSI, Research Triangle Park, NC

For information and to apply: http://www.samsi.info/ccns-summer. Application deadline is Monday, June 1, 2015

Workshop Organizer: Hongtu Zhu
The Scientific and Public Affairs Advisory Committee (SPAAC) invites all 2015 JSM poster contributors to compete for a policy applications prize in its fifth 'Statistical Significance' competition. A $250 cash prize will be awarded to the JSM poster that includes a 'Statistical Significance' piece that our judges deem describes the best contribution of statistics to society. (NOTE: participation in this competition is only available to contributed poster authors who submitted their poster abstract by the JSM deadline of February 2, 2015.)

What constitutes a 'Statistical Significance' piece? Statistical Significance is a short one-page illustration of the value of statistics to society within the context of the research problem dealt with in the poster submitted for JSM presentation. The objective is to illustrate to a lay person how the statistical solution to the problem presented in the poster would help form decisions that improve our society in specific areas such as health, agriculture, economy, education, manufacturing, medicine, etc.. This specific piece should be clearly written to convey the beneficial role of statistics in a concise and unambiguous manner. The most effective Statistical Significance pieces are easy to develop, simple in exposition, enlightening, and fun to read!


The participants in this Statistical Significance contest must include a one page Statistical Significance piece along with their poster presentation at the JSM. Both the scientific merit of the poster and the Statistical Significance piece will be judged for the competition. However, the posters without the separate Statistical Significance page will be ineligible to win the competition even if they participate in the competition. For more details on the competition, how to prepare a Statistical Significance piece, and the criteria used to judge the posters please see [http://www.amstat.org/policy/pdfs/StatSigPosterCompGuidelines.pdf](http://www.amstat.org/policy/pdfs/StatSigPosterCompGuidelines.pdf).

A panel of judges appointed by the SPAAC will visit the posters during a special topic contributed session Tuesday August 11 at JSM and determine a winner by the morning of August 12, 2015. The winner will be notified immediately thereafter.

To enter, please email your intention to compete (including your abstract number) to Vicky Pszonka on behalf of SPAAC members Sreelatha Meleth and Daniel McCaffrey at vpszonka@ets.org when you submit the poster abstract and no later than midnight February 23, 2015. Feel free to contact Sreelatha Meleth or Daniel McCaffrey at smeleth@rti.org or dmccaffrey@ets.org if you have any questions.
(5) ASAM invites nominations and applications for the position of Statistical Editor of *Journal of Addiction Medicine*

Published bi-monthly, *Journal of Addiction Medicine (JAM)* is the official journal of the American Society of Addiction Medicine (Medline listed, impact factor 1.705). *JAM* promotes excellence in the practice of addiction medicine and clinical research and supports addiction medicine as a mainstream medical specialty.

The Statistical Editor responds to statistical queries from the journal's editors and reviews relevant sections of manuscripts when statistical review is deemed necessary by the editors. Typically no more than one request per month is expected. The Statistical Editor may also be consulted by the journal's editors regarding methodological standards for the journal. The Statistical Editor is a volunteer position, and it is recognized by a listing on the journal's masthead. The editor is appointed for a three-year renewable term.


(6) AAPOR/SRMS Webinar on Questionnaire Design for Cross-Cultural Survey Research

**Questionnaire Design for Cross-Cultural Survey Research**

with Nina Sabarre and Stacey Frank

Wednesday, March 4, 2015

Noon - 1:30 PM CST / 1:00 - 2:30 PM EST / 10:00 - 11:30 AM PST

Members of the ASA's Survey Research Methods Section can enroll in the webinar at the AAPOR member price. To do so, contact Amy Metzgar at +1-847-205-2651, x365.

(7) John M. Chambers Statistical Software Award deadline extended

The Deadline for nominations for the Chambers Award ("for statistical software written by, or in collaboration with, an undergraduate or graduate student") has been extended to March 6, 2015. (Details appear below.)

The Statistical Computing Section of the American Statistical Association announces the competition for the John M. Chambers Statistical Software Award. In 1998 the Association for Computing Machinery presented its Software System Award to John Chambers for the design and development of S. Dr. Chambers generously donated his award to the Statistical Computing Section to endow an annual prize for statistical software written by, or in collaboration with, an undergraduate or graduate student. The
prize carries with it a cash award of $1000, plus a substantial allowance for travel to the annual Joint Statistical Meetings (JSM) where the award will be presented.

Teams of up to 3 people can participate in the competition, with the cash award being split among team members. The travel allowance will be given to just one individual in the team, who will be presented the award at JSM. To be eligible, the team must have designed and implemented a piece of statistical software. The individual within the team indicated to receive the travel allowance must have begun the development while a student, and must either currently be a student, or have completed all requirements for her/his last degree after January 1, 2014. To apply for the award, teams must provide the following materials:

Current CV's of all team members.

A letter from a faculty mentor at the academic institution of the individual indicated to receive the travel award. The letter should confirm that the individual had substantial participation in the development of the software, certify her/his student status when the software began to be developed (and either the current student status or the date of degree completion), and briefly discuss the importance of the software to statistical practice.

A brief, one to two page description of the software, summarizing what it does, how it does it, and why it is an important contribution. If the team member competing for the travel allowance has continued developing the software after finishing her/his studies, the description should indicate what was developed when the individual was a student and what has been added since.

An installable software package with its source code for use by the award committee. It should be accompanied by enough information to allow the judges to effectively use and evaluate the software (including its design considerations.) This information can be provided in a variety of ways, including but not limited to a user manual (paper or electronic), a paper, a URL, and online help to the system.

All materials must be in English. We prefer that electronic text be submitted in Postscript or PDF. The entries will be judged on a variety of dimensions, including the importance and relevance for statistical practice of the tasks performed by the software, ease of use, clarity of description, elegance and availability for use by the statistical community. Preference will be given to those entries that are grounded in software design rather than calculation. The decision of the award committee is final.

All application materials must be received by 5:00pm EST, March 6, 2015 at the address below. The winner will be announced in May and the award will be given at the 2015 Joint Statistical Meetings.
(8) Abstracts for the 2015 Fall Technical Conference (FTC)

As a reminder, the deadline for abstract submission for FTC is rapidly approaching. Abstracts are due Feb 28th. Please see the conference website for more information and the call for papers - [http://asq.org/conferences/fall-technical/](http://asq.org/conferences/fall-technical/)

(9) 2015 Statistical Excellence in the Pharmaceutical Industry Award

The 2015 Statistical Excellence in the Pharmaceutical Industry Award is now open for nominations. The deadline for nominations is 5pm Friday 27 March 2015.

The 2014 winner was Craig Mallinckrodt, a research fellow at Eli Lilly & Company, based in Indianapolis, USA. Craig's book, *Preventing and Treating Missing Data in Longitudinal Clinical Trials*, provides a comprehensive 'analytic roadmap' for missing data in longitudinal clinical studies. His work drew together many strands of academic research on analysis techniques and has since influenced regulators, academics and pharmaceutical companies alike in their approach to the treatment of missing data. It has also been praised for being accessible to a wide variety of researchers.

Download the entry form.

For more information email pharmastatsaward@rss.org.uk.

Read about the award [here](#).

(10) Rose-Hulman Undergraduate Mathematics Conference

The Rose-Hulman Mathematics Department is excited to announce that the registration for the 2015 Rose-Hulman Undergraduate Mathematics Conference on April 24-25, 2015 is now open. This will be Rose-Hulman's 32nd consecutive year hosting this conference!

As in past years, the primary vision for the conference is to provide a venue for highlighting and celebrating the accomplishments and work of undergraduate students in mathematics and statistics. Last year, the conference attracted more than 125 students and faculty, with 25 students presenting their work. This year's conference theme is *Statistics: From Big Data to Big Decisions*, and we will be showcasing the field of statistics and its career opportunities. As plenary speakers, we have chosen two individuals who use statistics in their daily work. The first speaker, Nick Lockwood, is
Senior Director of Brand Marketing Analytics at Catalina Marketing, a personalized digital media company with the largest shopper purchase history database in the world. The second speaker, Amanda Cox, is a graphics editor at the New York Times, where she makes charts and maps for the paper and its web site.

The student talks are the focal point of this conference, and we encourage you to seek out those students at your school who'd be enthusiastic about presenting their work. There is no registration fee for students at this year's conference, and we will be able to offer discounts on hotel arrangements. We've been working with publishers to be able to provide current and classic texts in mathematics and statistics to award to student speakers. Also, this year we are sponsoring the 2015 Distinguished Paper Award, which will be presented to a student presenting a paper which, in the minds of the award selection committee, is an exceptional example of undergraduate work in a mathematical discipline. The recipient of the award will receive a $100 cash prize in addition to a certificate.

All of this information with more details is available at the conference website: [http://www.rose-hulman.edu/mathconf](http://www.rose-hulman.edu/mathconf). Faculty and students can register at the website, and the site has important key dates about registration and paper submission. The deadline for submitting a paper for the Distinguished Paper Award is March 16, and the deadline to submit a talk is April 2.

We are looking forward to seeing some familiar faces along with some new ones at this year's conference. We are delighted to have our friends up north from Purdue attending, and we'd really like to have other schools in Indiana and surrounding states join us! We certainly welcome your questions about the conference if you can't find the information that you need at the website - please email either one of us!

Thank you in advance for sharing this email with your students and encouraging them to give talks!

Dr. Diane Evans ([diane.evans@rose-hulman.edu](mailto:diane.evans@rose-hulman.edu))