ICSA Member News December 2015

ICSA December Announcements

1. Merry Christmas and Happy New Year!

Dear ICSA members:

Thank you for your support throughout the year! Wishing our members a Merry Christmas filled with lots of joy, and a safe and prosperous New Year! We look forward to working with all of our members in 2016.

MAY THE FORCE BE WITH YOU!

From officers and staff of ICSA

2. Call for Short Course Proposals

Anyone who is interested in giving a short course at 2016 ICSA Applied Statistics Symposium is welcome to submit a short course proposals to Dr. Peter Song (pxsong@umich.edu). **The deadline is 12/31/2015.**

3. You are cordially invited to 2016 ICSA Applied Statistics Symposium in Atlanta!

The 2016 ICSA Applied Statistics Symposium will be held from Sunday, June 12 to Wednesday, June 15, 2016 at the Hyatt Regency Atlanta in Atlanta, Georgia.
The city of Atlanta enjoys a mild climate throughout the year, and is accessible from most cities across the North America. Downtown Atlanta provides numerous opportunities of dining, shopping and lodging, etc. In addition, it offers world-class attractions, including the World of Coca Cola, the CNN Center, and the Centennial Olympic Park within walking distance from the Hyatt Regency Atlanta. The Atlanta Streetcars connect all main attraction sites. Please ask Dr. Yichuan Zhao (yichuan@gsu.edu) or visit the symposium website at http://www.math.gsu.edu/~icsa/index.html for more information.

4. Statistica Sinica: call for submissions on special issues

 (1) Special issue on "Data Not Missing At Random"

Statistica Sinica seeks original papers for a special issue on Data Not Missing At Random (NMAR). Analyzing data with missing values is a popular area of statistics with a wide range of applications in social science, marketing, econometrics, and epidemiology. While missing at random assumption is widely used in the analysis of missing data, the assumption is hard to be verified and often unrealistic. NMAR is a more challenging topic of research and a fast growing area in recent years. This special issue will provide a platform for disseminating new research and stimulating further progress in this important area.

The deadline for submission is February 28, 2016. All articles will be peer-reviewed based on the high standard of Statistica Sinica, and we will ensure a fair and speedy review process. Original research in any area of data not missing at random is welcome. Application papers motivated from real practical problems are also welcome. Each article is expected to have no more than 20 print pages in length under the journal template. We encourage the use of online supplementary material to include computer code, data, and additional technical details. The submission website is https://mc04.manuscriptcentral.com/statisticasinica. Upon logging in as an author, please choose the option for new submission with the special theme topic of "Data Not Missing At Random".

For questions regarding the suitability of your submission to this special issue, please contact Guest editor Jae-kwang Kim (jkim@iastate.edu) or co-editor Zhiliang Ying (zying@stat.columbia.edu). For other issues regarding submission to the journal, please contact the Statistica Sinica office (ss.office@stat.sinica.edu.tw).

We thank you for your support.

(2) Special issue on "Computer Experiments and Uncertainty Quantification"

Statistica Sinica seeks original papers for a special issue on computer experiments and uncertainty quantification (UQ).
Computer experiments and uncertainty quantification is a fast growing area at the interface between statistics and applied mathematics. Its development encompasses theory, methodology, computations and applications in a broad range of physical sciences and engineering. This special issue will provide a platform for disseminating new research and stimulating further progress in this important area.

The deadline for submission is January 31, 2016. All articles will be peer-reviewed based on the high standard of Statistica Sinica, and we will ensure a fair and speedy review process. Original research in any area of computer experiments and uncertainty quantification is welcome. Interdisciplinary research with novel methodology development is also encouraged. Each article is expected to have no

more than 20 print pages in length under the journal template. We encourage the use of online supplementary material to include computer code, data, and additional technical details. The submission website is https://mc04.manuscriptcentral.com/statisticasinica. Upon logging in as author, please choose the option for new submission with the special theme topic of "Computer experiments and uncertainty quantification".

For questions regarding the suitability of your submission to this special issue, please contact one of the guest editors Robert Gramacy , Ying Hung , and Jeff Wu .
For other issues regarding submission to the journal, please contact the Statistica Sinica office .

We thank you for your support.

Robert Gramacy, Guest Editor

Ying Hung, Guest Editor

Jeff Wu, Guest Editor

 Ruey Tsay, Co-Editor

5. ICSA Springer book series in statistics

The co-editors of ICSA Springer book series in statistics, Drs. Jiahua Chen and Din Chen, have reported that there are 9 books in the series now. If you plan to write books in the series, please contact Dr. Jiahua Chen (jhchen@stat.ubc.ca) or Dr. Din Chen (Din_Chen@urmc.rochester.edu). Two books in the ICSA Springer book series were published recently: 1) "Innovative Statistical Methods for Public Health Data" was published (edited by Chen, D., Wilson, J.); 2) "Modeling Binary Correlated Responses using SAS, SPSS and R" (co-authored by Wilson, J., Lorenz K). Thanks to all authors who contributed to this book.http://www.springer.com/us/book/9783319185354; http://www.springer.com/us/book/9783319238043.

6. New open access journal: Contemporary Clinical Trials Communications

It is a new international peer reviewed open access sister journal of Contemporary Clinical Trials that publishes articles pertaining to all aspects of clinical trials, including, but not limited to, design, conduct, analysis, regulation and ethics.

Contemporary Clinical Trials Communications is unique in that it is outside the confines of disease specifications, and it strives to increase the transparency of medical research and reduce publication bias by publishing scientifically valid

original research findings irrespective of their perceived importance, significance or impact.

Both randomized and non-randomized trials are within the scope of the journal.

To submit an open access manuscript and to view the full aims and scope, editorial board and more information, please visit:

www.journals.elsevier.com/contemporary-clinical-trials-communications.

Sponsored and Co-Sponsored Publications

Statistic Sinica

Forthcoming Papers from Statistica Sinica
Forthcoming papers' information is available at
http://www3.stat.sinica.edu.tw/statistica/. Those papers appeared in Volume 26, Number 1, January 2016.

ICSA members please access those articles via the "membership only area" at
http://www.icsa.org. If you have any problems for subscription, please contact the editorial office through ss@stat.sinica.edu.tw.

Statistics in Biosciences

The published new issue is Volume 7 Number 2, in October 2015,

http://link.springer.com/journal/12561/7/2/page/1

Recent accepted articles can be found at the journal website

http://link.springer.com/journal/12561/onlineFirst/page/1

A link for submitting your article to SIBS online is below

http://www.editorialmanager.com/sibs/

http://www.springer.com/statistics/life+sciences%2C+medicine+%26+health/journal/12561?changeHeader

Statistics and Its Interface

Statistics and Its Interface is an international statistical journal promoting the interface between statistics and other disciplines including, but not limited to, biomedical sciences, geosciences, computer sciences, engineering, and social and behavioral sciences. The journal publishes high-quality articles in broad areas of statistical science, emphasizing substantive problems, sound statistical models and methods, clear and efficient computational algorithms, and insightful discussions of the motivating problems. Visit SII's web page at http://www.intlpress.com/SII/SII-BrowseJournal.php for more information.Most recent issue is available at http://www.intlpress.com/site/pub/pages/journals/items/sii/content/_home/index.html

International Press and Tsinghua University Mathematical Science Center are pleased to announce open online access (free of charge) to the journal *Statistics and Its Interface* (SII) which includes five volumes.

Upcoming ICSA Meetings

2016 ICSA Applied Statistics symposium
June 12–June 15, 2016, Atlanta, GA, USA
http://icsa.org/meetings/symposia/index.html

2016 ICSA China Statistics Conference
June 24-June 25, 2016, Qingdao, China
The 2016 ICSA China Statistics Conference will take place, June 24-25, 2016, in Qingdao, a beautiful city in northern China. The Conference is organized by the Committee of ICSA Shanghai, Qingdao CDC, and University of Qingdao. It will be held on the campus of University of Qingdao. The objective of the conference is to facilitate the exchange of recent research and developments in modern statistical methods under the age of big data to create opportunities for collaborations that will channel efforts into new directions for further research. The conference will contain invited sessions only. Lead statistical processionals in Mainland China, Hong Kong, Taiwan, the United States, and other countries will present their latest research work, which will cover a broad range of statistics including mathematical statistics, applied statistics, biostatistics, and statistics in finance and economics. For more information, please visit ICSA website (http://icsa.org/meetings/conferences/index.html) or contact Dejun Tang (dejun.tang@novartis.com).

ICSA Conference on Data Science
July 2-July 4, 2016, Dali, Yunnan, China
For more information, please contact Zhezhen Jin (zj7@cumc.columbia.edu).

The 10th ICSA International Conference on Global Growth of Modern Statistics in the 21st Century
December 19–December 22, 2016, Shanghai Jiao Tong University, China
http://www.math.sjtu.edu.cn/conference/2016icsa/Default.aspx

Upcoming Co-sponsored Meetings

The Fourteenth Asia Pacific Bioinformatics Conference
January 11-13, 2016 in San Francisco, CA
http://www.sfasa.org/apbc2016/apbc2016.html

Big Statistics and Data Science
May 27-29, 2016, Renmin University of China, Beijing, China
For details, please contact Dr. Jun Yan: jun.yan@uconn.edu
stat2016.china-r.org

Fourth IMS Asia Pacific Rim Meeting
June 27–June 30, 2016, HongKong, China
http://ims-aprm2016.sta.cuhk.edu.hk/

Job Listings

1. MATHEMATICAL STATISTICIAN—(multiple positions), National Center for Toxicological Research

The U.S. Department of Health and Human Services, Food and Drug Administration (FDA), National Center for Toxicological Research (NCTR), Division of Bioinformatics and Biostatistics, in the Office of Research is seeking to fill multiple Mathematical Statistician positions. The NCTR is located in Jefferson, Arkansas.

The successful candidate will conduct independent research in biostatistics, and will be actively involved in the development of statistical and data mining techniques for statistical data analysis in the fields of risk assessment, molecular epidemiology, biochemical toxicology, genetic and molecular toxicology, microbiology, neurotoxicology, and nanotoxicology. The candidate will also be involved in

providing statistical support for all the NCTR studies. Knowledge and experience in statistical analysis of data from precision medicine and omics technologies are a plus.

This position requires a Ph.D. in statistics or equivalent, preference will be given to candidates with a strong publication record. Benefits include health and life insurance options, retirement, paid holidays, vacation and sick leave. Preference will be given to individuals with a demonstrated record of relevant accomplishments. Salary for this position will be commensurate with experience.

To apply for the position, submit curriculum vitae and a detailed statement of future research interests to: Dr. James J. Chen, HFT-20, 3900 NCTR Road, Jefferson, AR 72079. Email: JamesJ.Chen@fda.hhs.gov. Applications will be accepted until the position is filled. FDA is an Equal Opportunity Employer. FDA/NCTR is a smoke free environment.

The NCTR is located in Jefferson, Arkansas, approximately 30 miles southeast of Little Rock. NCTR conducts FDA mission-related research that is of critical importance to the Agency in developing a scientifically sound basis for regulatory decisions. Over 110 Ph.D. scientists, support scientists, on-site-contractors, and administrative staff make up a dynamic group of professionals in the NCTR organization.

Undergraduate and graduate students, post-doctoral fellows and visiting scientists also pursue education and research opportunities in a multi-disciplinary team atmosphere. For more information on NCTR research and training activities, visit http://www.fda.gov/NCTR.

2. Biostatistician I/Biostatistician II/Senior Biostatistician-PAREXEL, Shanghai/Taipei/Beijing/Shenyang/Chengdu

The Biostatistician works independently in the programming and quality control of derived datasets and all kind of statistical outputs (e.g., tables, listings and figures), works under the supervision of an experienced biostatistician in the production of analysis plans and reports, provides basic statistical advice to clients and fulfills the project primary role within a designated project team.

Key Accountabilities

- Production and/or QC of derived datasets and both simple and advanced statistical outputs using efficient programming techniques.
- Understand and apply moderately advanced statistical methods.

- Coordinate and lead a project team to successful completion of a project within given timelines and budget.
- Interact with clients as key contact with regard to statistical and contractual issues.
- Assist in the production of analysis plans, statistical reports, statistical sections of integrated clinical reports and other process supporting documents.
- Check own work in an ongoing way to ensure first-time quality.
- Provide training in statistical analysis to internal clients.
- Proactively participate in and/or lead process/quality improvement initiatives.
- Mentor and train junior members of the department.
- Support of Business Development, e.g. by attending and preparing bid defense meetings.
- Travel to, attend and actively contribute to all kind of client meetings as appropriate (e.g. discussing analysis concepts, presenting and discussing study results).
- Additional responsibilities as defined by supervisor/manager.

Qualifications

Skills

- Good analytical skills
- Good Project Management skills
- Professional attitude
- Attention to Detail
- A good understanding of statistical issues in clinical trials
- Prior experience with SAS Programming required
- Ability to work independently
- Good mentoring / leadership skills

Education

- PhD in Statistics or related discipline, MS in Statistics or related discipline Language Skills.
- Competent in written and oral English in addition to local language.

Minimum Work Experience

- PhD in Statistics or related discipline entry level.
- MS in Statistics or related discipline with 1+ years of experience.

Application Channel

Please upload your English CV to PAREXEL career website https://jobs.parexel.com/

Email of Contact Person

becky.lei@parexel.com

3. Senior Biostatistician-Boehringer Ingelheim, Shanghai, China

Company name:

  Boehringer Ingelheim, Asia/META, Located in Shanghai.

  http://www.boehringer-ingelheim.com/

Company Information:

  Boehringer Ingelheim is a different kind of pharmaceutical company, a privately held company with the ability to have an innovative and long term view. Our focus is on scientific discoveries that improve patients' lives and we equate success as a pharmaceutical company with the steady introduction of truly innovative medicines. Boehringer Ingelheim is the largest privately held pharmaceutical corporation in the world and ranks among the world's 20 leading pharmaceutical corporations. At Boehringer Ingelheim, we are committed to delivering value through innovation.

Employees are challenged to take initiative and achieve outstanding results. Ultimately, our culture and drive allows us to maintain one of the highest levels of excellence in our industry. Boehringer Ingelheimis an equal opportunity employer.

Boehringer Ingelheim is firmly committed to ensuring a safe, healthy, productive and efficient work environment for our employees, partners and customers.

Duties and Responsibilities:

- Perform duties of a Trial Statistician (TSTAT) to support multiple clinical trials within national or international development projects
- Collaborate with other scientists of Clinical Development, Medical Affairs and translational Medicine in planning complex clinical trials conforming to company and regulatory agency guidelines.
- Act as an associate PSTAT on complex, major drug projects or by taking over other PSTAT-tasks under supervision. Support PSTATs of high profile international projects in their responsibilities, especially in the planning and

preparation of regulatory submissions and in the cross-trial planning and harmonization.

- Supervise contract research organisations (CROs) for all TSTAT tasks with emphasis on analysis related processes.
- Promote efficient, innovative and robust drug development processes, with emphasis on the analysis and reporting of clinical data;

Position Qualifications:

- Master of Science in statistics, biostatistics, or biometry with at least three years or Ph.D. in statistics, biostatistics, or biometry with 0-3 years experiences
- Ability to design, conduct and analyze a complex trial.
- Ability to interact with authorities on statistical issues at the trial level.
- Ability to work with project team.
- Ability to apply statistical methodology appropriate to drug development.
- Ability to communicate basic statistical information to non-statisticians.
- Good oral and written communication skills.
- Demonstrated ability to conduct and analyze a routine trial.
- Evidence of strong trial teamwork.

Application Instructions: CV in English

Application Deadline: August 31st 2016

Email of Contact Person: luyan.dai@boehringer-ingelheim.com

4. Principal Biostatistician-Boehringer Ingelheim, Shanghai, China

Duties and Responsibilities:

- Act as the responsible statistician for international development projects. Participate in project teams in the role of a Project Statistician (PSTAT) to collaborate with the Clinical Program Lead in developing the clinical development plan, prepare the project statistical analysis plan, and participate in the writing of the integrated summary documents for worldwide submissions and of publications thereof.
- Take on the key statistical responsibility in the planning and preparation of regulatory submissions as required. Lead and mentor other statisticians within a project.
- Act as PSTAT-Medical Affairs (PSTAT-MA) for key marketed products. Support other project team members from Medical Affairs, Pharmacovigilance and MAPOR.

- Act as TSTAT for critical, complex clinical trials such as mega-trials.
- Mentor other statisticians and provide consultancy and expert advice in case of critical or complex statistical-methodological issues and promote innovative statistical methods at BI.

Position Qualifications:

- M.S. in statistics, biostatistics, or biometry with 8+ years or Ph.D. in statistics,
- biostatistics, or biometry with 4+ years of initial experience as statistician
- Ability to interact with authorities and external bodies (specialists and non-specialists) on statistical-methodological issues for pivotal trials or complex projects.
- Ability to successfully plan and conduct a submission project.
- Ability to challenge methodological issues.
- Ability to supervise scientific/technical work.
- Excellent interpersonal skills, ability to interact effectively with people, internally and externally
- Excellent oral and written communication and presentation skills.
- Evidence of strong trial teamwork.

Application Instructions: CV in English

Application Deadline: August 31st 2016

Email of Contact Person: luyan.dai@boehringer-ingelheim.com