Happy Lunar New Year of the Monkey!

ICSA January Announcements

1. 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.

2. Statistica Sinica: call for submissions on special issues

(a) 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 extended to June 30, 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.

**(b) 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 extended to March 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, Ying Hung, Jeff Wu, Guest Editors; Ruey Tsay, Co-Editor.

3. 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.


Sponsored and Co-Sponsored Publications


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
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

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
Upcoming Co-sponsored Meetings

**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

**2016 China Statistics Conference**
The 2016 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. For more information, please visit ICSA website (http://icsa.org/meetings/conferences/index.html) or contact Dejun Tang (dejun.tang@novartis.com).

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

**The RSS (Royal Statistical Society) 2016 International Conference**
September 5-8, 2016, Manchester, UK
The meeting will be held at University of Manchester. The information can be found at http://www.statslife.org.uk/events/events-calendar/eventdetail/480/-/rss-2016-international-conference

**The 2nd International Conference on Statistical Distributions and Applications**
*(ICOSDA 2016)*
October 14-16, 2016, Crowne Plaza, Niagara Falls, Canada.
http://people.cst.cmich.edu/lee1c/icosda2016/index.htm

**The 1st Eastern Asia meeting on Bayesian Statistics**
December 18, 2016 at Shanghai Jiao Tong University (SJTU), Shanghai, China.
Contact: Dong Han, donghan@sjtu.edu.cn.

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/](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.

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 Ingelheim is 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

5. Professor /Associate Professor/Assistant Professor at The School of Science and Engineering, The Chinese University of Hong Kong, Shenzhen

Located in the Longgang District of Shenzhen, The Chinese University of Hong Kong, Shenzhen (CUHK(SZ)) is a research-intensive university, established in 2014 through a Mainland–Hong Kong collaboration with generous support by the Shenzhen Municipal Government. It inherits the fine academic traditions of The Chinese University of Hong Kong and will develop its academic programs in phases and offer courses in Schools of Science and Engineering, Management and Economics, and Humanities and Social Science. The language of instruction is both English and Chinese, and the students who satisfy prescribed
requirements will receive degrees of The Chinese University of Hong Kong.

The School of Science and Engineering at CUHK(SZ) has admitted its first batch of students in four undergraduate programs (Computer Science and Engineering, Electronic Information Engineering, New Energy Science and Engineering, and Statistics) and one graduate program (Financial Engineering) in 2015. New undergraduate programs will be launched gradually in the next few years, which include Mathematics, Genomics and Biomedical Informatics, Design and Manufacturing Engineering, etc. Research graduate programs at both masters and PhD levels will also start from 2016. The School’s mission is to educate innovative and forward-thinking science and technology talents for the rapidly expanding economy of China and beyond, and to become a top science and engineering school nationally and internationally. More information on the School can be found at [www.cuhk.edu.cn/en/Xueyuan/ligong.html](http://www.cuhk.edu.cn/en/Xueyuan/ligong.html).

Post Specification

The School of Science and Engineering at CUHK(SZ) invites applications for faculty positions in all areas of Statistical Science, Data Science, Mathematics, Bioinformatics and Genomics, Financial Engineering and Quantitative Finance.

Junior applicants should have (i) a PhD degree (by the time of reporting for duty) in related fields; and (ii) high potential in teaching and research. Candidates for Associate and Full Professor posts are expected to have demonstrated academic leadership and strong commitment to the highest standards of excellence. Appointments will normally be made on contract basis for up to three years initially, leading to longer-term appointment or tenure later subject to review. Exceptionally, appointment with tenure can be offered forthwith to candidates of proven ability.

Salary and Fringe Benefits

Salary will be comparable to international standards, commensurate with experience and accomplishments. Appointments will be made under the establishment of CUHK(SZ), and statutory benefits will be provided according to the relevant labor laws of Mainland China. The University
will complement the fringe benefits with subsidized housing and supplemental medical care, for qualified candidates. Subsidies from government sponsored talent programs will also be made available for eligible candidates.

Applications (with CV, and three references) should be emailed to: hr-1@cuhk.edu.cn

Applications/Nominations will be considered until the posts are filled.

6. Genentech Job opening (Join a Team that Lives to Improve Lives)

People come to Genentech from across disciplines and across the world to solve our most challenging medical conditions. You’ll find inspiration in our passion for biotechnology, our purpose to positively impact the lives of millions of patients and our dedication to our people. Joining Genentech means being part of a tradition of inquiry that will change the world. It means embracing our failures as much as our successes. It requires a willingness to look beyond the edge of what’s possible. And a focus on doing the day-to-day work that makes great science happen.

The following opportunity exists in our South San Francisco, CA headquarters:

Sr Statistical Scientist, BioOncology/I2O

Description: The Position

Genentech is currently looking to fill the Sr. Statistical Scientist, BioOncology/I2O position in South San Francisco. You will be aligned therapeutically with cross-functional Medical Affairs teams to provide statistical and analytical leadership in the development and execution of medical strategies, plans and projects.

Like other team members in Biostatistics, you will be responsible for the statistical integrity, adequacy and accuracy of pre-launch, launch and post-marketing clinical studies, other investigations and assessments, including exploratory analyses. As such, you will be a standing member of the assigned Medical Team, participate in other cross-functional projects or working teams and may lead Biostatistics teams.
Given the nature of their positions, statistical scientists also work closely with their counterparts in Pharmaceutical Development and potentially Pharmaceutical Research and Early Development to align clinical data and statistics across varying drug development phases.

You will be expected to perform your responsibilities with increased expertise and independence.

Where assigned, you will also act as Medical Affairs representatives in related review and decision-making forums or committees, including, where applicable, representing Biostatistics input and data in health authority meetings, presentations and communications.

All Roche employees are expected to effectively contribute to cross-functional collaboration and coordination and comply with all laws, regulations, policies and procedures that govern our business.

Who You Are:

Qualifications:

To be considered for this position, you should hold the following qualifications, have the following experience, and be able to demonstrate the following knowledge, skills and abilities to be considered a suitable applicant. Please note that except where specified as “preferred,” or as a “plus,” all points listed below are considered minimum requirements. Years of experience listed below can be substituted with equivalent, relevant competency levels.

• PhD + four years’ experience or Masters Degree + seven years’ experience in statistics/biostatistics (PhD is preferred)

• Four or more years' clinical trial experience (experience in clinical trials through at least two complete trials/registries or comprehensive product exploratory analysis projects)

• In-depth knowledge of ICH-GCP and other relevant standards and guidelines

• Must demonstrate a comprehensive understanding of theoretical and applied statistics
• In-depth knowledge of Phase IV/post-marketing drug development (knowledge of or experience with Phase I - III drug development is preferred)

• Extensive experience in the principles and techniques of data analysis, interpretation and clinical relevance

• Relevant therapeutic area (respiratory and immunology) knowledge is a plus

Skills/Abilities

• Proven ability to perform statistical scientist responsibilities with increasing expertise and independence.

• Demonstrated ability, through past experience, to competently manage the majority of biostatistics deliverables associated with assigned pre-launch, launch and/or post-marketing medical strategies, plans and tactics

• Analytical and problem-solving capabilities and skills

• In-depth knowledge of the multi-disciplinary functions involved in a drug development process, and can proactively integrate multiple perspectives into the post-marketing process for best end-results

• Excellent project management skills

• Strong interpersonal, verbal and writing communication and influencing skills

• Proven track record of working highly effectively, efficiently and collaboratively with others. Proven experience and skills working with multi-disciplinary teams

• Proficient computer skills, including Microsoft Word, PowerPoint and Excel.

• High proficiency with SAS and related statistical software packages
• Business travel, by air or car, is required for regular internal and external business meetings

A Job with Benefits beyond the Benefits:

No matter who you are or what role you play, you’ll help change the face of medicine and make a real difference in the lives of people facing the most challenging medical conditions. Plus, you’ll thrive in our one-of-a-kind culture, where diversity is celebrated, employees are valued for their contributions and we all serve as advocates for change who continually find ways to do things better.

The next step is yours. To apply today, click on the "Apply" button below.

Genentech, a member of the Roche Group, has multiple medicines on the market for cancer and other serious illnesses.

Genentech is an Equal Opportunity Employer:
Minorities/Women/Disability/Veteran

Apply