

# ICSA Member News October 2015

## *ICSA October 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. Details are forthcoming on the symposium website. Please visit the symposium website at

<http://www.math.gsu.edu/~icsa/index.html> for more information.

### **2. Call for Invited Session Proposals**

We are welcome your invited session proposals, the invited sessions will be processed through program committee members. If you plan to organize an invited session, please communicate with one of the program committee members. An invited session will be 100 minutes with 4 speakers or 3 speakers and one discussant.

A proposal includes:

- 1) session title,
- 2) organizer,
- 3) session chair,
- 4) list of speakers and discussant.

It is required to confirm all speakers' availability before submitting a proposal. There is a one-talk rule for speakers, but one can serve as a discussant in another invited session while speaking in an invited or

contributed session. The deadline for the invited session proposal is November 1, 2015.

### **3. 2015 ICSA Midwest Chapter Meeting**

The 2015 ICSA Midwest Chapter Meeting took place October 25-26 at Abbvie Campus in Mettawa, IL USA. It was the first meeting by the ICSA Midwest Chapter since it was founded in January 2015. About 100 statistical professionals, faculty members, and students from 22 organizations and six states attended the meeting. The meeting started with a half-day short course “An introduction to Statistical Learning and Data Mining” offered by Professor Ji Zhu from Department of Statistics, University of Michigan October 25. The main program of the meeting on October 26 started with two keynote addresses on leadership skills and development, delivered by Dr. Walt Offen from AbbVie, and Dr. Wei Shen from Eli Lilly, 2015 President of ICSA. In addition to 6 parallel sessions with 18 speakers, the meeting also featured a student poster competition with 13 participants from 7 universities. The meeting culminated and ended with poster award presentation. It successfully accomplished the mission of the Chapter by providing opportunities to the participants to learn, share and network among academic and industry professionals and students.

### **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](mailto:jkim@iastate.edu)) or co-editor Zhiliang Ying ([zying@stat.columbia.edu](mailto:zying@stat.columbia.edu)). For other issues regarding submission to the journal, please contact the Statistica Sinica office ([ss.office@stat.sinica.edu.tw](mailto: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 8 books in the series now. If you plan to write books in the series, please contact Dr. Jiahua Chen ([jhchen@stat.ubc.ca](mailto:jhchen@stat.ubc.ca)) or Dr. Din Chen ([Din\\_Chen@urmc.rochester.edu](mailto:Din_Chen@urmc.rochester.edu)).

The most recent book in the ICSA Springer book series "Innovative Statistical Methods for Public Health Data" was published (edited by Chen, D., Wilson, J.). Thanks to all authors who contributed to this book.

<http://www.springer.com/us/book/9783319185354>

## **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](http://www.journals.elsevier.com/contemporary-clinical-trials-communications).

## **7. World Statistics Day Statement**

On 3 June 2015, the United Nations General Assembly adopted a resolution officially designating 20 October 2015 as the second World Statistics Day,

under the general theme “Better data, Better lives”. In addition, the General Assembly decided to celebrate World Statistics Day on 20 October every five years. The ICSA signed up to the statement calling for ‘a true data revolution’ to measure progress toward the new Sustainable Development goals.

[http://www.rss.org.uk/RSS/Influencing\\_Change/World\\_Statistics\\_Day\\_statement/RSS/Influencing\\_Change/World\\_Statistics\\_Day\\_statement.aspx?hkey=c261be5f-4079-4392-aa0e-35f6021aee6c](http://www.rss.org.uk/RSS/Influencing_Change/World_Statistics_Day_statement/RSS/Influencing_Change/World_Statistics_Day_statement.aspx?hkey=c261be5f-4079-4392-aa0e-35f6021aee6c)

## ***Sponsored and Co-Sponsored Publication***

### **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 25, Number 4, October 2015.

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](mailto: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](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 Co-sponsored Meeting***

BASS XXII

2-6 November, 2015 in Rockville, DC

[www.bassconference.org](http://www.bassconference.org)

The Fourteenth Asia Pacific Bioinformatics Conference

January 11-13, 2016 in San Francisco, CA

<http://www.sfasa.org/apbc2016/apbc2016.html>

2016 ICSA Applied Statistics symposium

June 12–June 15, 2016, Atlanta, GA, USA

<http://icsa.org/meetings/symposia/index.html>

Fourth IMS Asia Pacific Rim Meeting

June 27–June 30, 2016, HongKong, China

<http://ims-aprm2016.sta.cuhk.edu.hk/>

2016 ICSA International Conference

December 19–December 22, 2016, Shanghai Jiao Tong University, P .R. China

## ***Job Listings***

## **1. 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 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-ingenelheim.com](mailto:luyan.dai@boehringer-ingenelheim.com)

## **2. 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](mailto:luyan.dai@boehringer-ingelheim.com)

### **3. Senior/Principal Statistical Scientist-Oncology, Genentech, Inc.**

*Description:*

The Senior/Principal Statistical Scientist-Oncology will be aligned therapeutically with crossfunctional 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, this candidate 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, the Scientist will be a standing member of the assigned Medical Team, may also lead Biostatistics teams, as well as participate in other cross-functional projects or working 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.

*Qualifications:*

A PhD and four years' experience or a master's degree with seven or more years' experience in statistics/biostatistics are required (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) and in-depth knowledge of ICH-GCP and other relevant standards and guidelines are required. The candidate must demonstrate a comprehensive understanding of theoretical and applied statistics and 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 is highly desired. Relevant therapeutic area (respiratory and immunology) knowledge is a plus .

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We recognize that our people are our most important asset. It's why we foster an inclusive environment that encourages diversity and offer competitive healthcare and benefits to help you bring the best to the business and to your personal life Join us as we continue to tackle medicine's most challenging problems and live a life inspired.

Apply Below!

Now a member of the Roche Group, Genentech has multiple medicines on the market for cancer and other serious illnesses. Genentech is an Equal Opportunity Employer: Minorities/Women/Disability/Veteran

<http://www.gene.com/careers/find-a-job/apply/00438918?src=JB-11480>

**4. Senior/Principal Statistical Scientist-Immunology and Infectious Disease, Genetech, Inc.**

*Description:*

The Sr. /Principal Statistical Scientist 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, this candidate will be responsible for the statistical integrity, adequacy and accuracy of prelaunch, launch and post-marketing clinical studies, as well as other investigations and assessments, including exploratory analyses. As such, this role will be a standing member of the assigned Medical Team, may also lead Biostatistics

teams, and participate in other crossfunctional projects or working 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. Where assigned, this candidate 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.

*Qualifications:*

A PhD with four years' experience, or a Master's Degree and seven years' experience in statistics/biostatistics is required (PhD preferred). Four or more years' clinical trial experience is also required (experience should include 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 and a comprehensive understanding of theoretical and applied statistics are desired as well. In-depth knowledge of Phase IV/postmarketing drug development is also required (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 and relevant therapeutic area (respiratory and immunology) knowledge is a plus.

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<http://www.gene.com/careers/find-a-job/apply/00436645?src=JB-11480>

## ***Others Announcements***

### **BASS XXII, 2-6 November, 2015 in Rockville.**

The Twenty Second meeting of the Biopharmaceutical Applied Statistics Symposium (BASS XXII) will be held 2-6 November, 2015, at the Crowne Plaza Washington D.C.- Rockville, 3 Research Ct., Rockville, MD 20850. At least 16 one-hour tutorials, on diverse topics pertinent to the research, clinical development and regulation of pharmaceuticals, will be presented 2-4 November, 2014, by speakers from academia, the pharmaceutical industry and the Food and Drug Administration (FDA). Two parallel, two-day short courses will be presented 6-7 November, 2014. Popular features of BASS XXII are the keynote address, on Tuesday, 3 November, 2015, with reception dinner following, and the Wednesday morning, 4 November, 2015, FDA/Industry/Academia session.

BASS is a nonprofit entity established for the purpose of raising funding to support graduate studies in biostatistics. To date BASS has provided support to over 50 Master's or Doctorate degree graduate students in Biostatistics. For further information, contact the BASS registrar at [Rewhitworth@gmail.com](mailto:Rewhitworth@gmail.com), Andreas Sashegyi at [317-532-7414](tel:317-532-7414), email [aisasheg@lilly.com](mailto:aisasheg@lilly.com), or Karl Peace, [912-225-3713](tel:912-225-3713), email [peacekarl@frontier.com](mailto:peacekarl@frontier.com). The BASS Webpage may be viewed at [www.bassconference.org](http://www.bassconference.org)