

# **ICSA Member News November 2015**

## ***ICSA Member News***

Professor Xihong Lin of the Harvard University School of Public Health received a \$6.6 million National Cancer Institute outstanding investigator award. A description of the work is available at [https://projectreporter.nih.gov/project\\_info\\_description.cfm?aid=8955524&icde=26738243](https://projectreporter.nih.gov/project_info_description.cfm?aid=8955524&icde=26738243). Congratulations to Xihong Lin!

## ***ICSA November Announcements***

### **1. Call for Short Course Proposals**

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

### **2. 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](mailto:yichuan@gsu.edu)) or visit the symposium website at <http://www.math.gsu.edu/~icsa/index.html> for more information.

### **3. 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/statisticazinica>. 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/statisticazinica>. 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

#### **4. 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](mailto:jhchen@stat.ubc.ca)) or Dr. Din Chen ([Din\\_Chen@urmc.rochester.edu](mailto: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>.

#### **5. 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).

#### **6. News from the World of Statistics**

The latest News from the World of Statistics is available at

<http://www.worldofstatistics.org/files/2015/11/November-25-2015.pdf>.

Past newsletters can be reviewed at <http://www.worldofstatistics.org/news-of-the-world-of-statistics-archive/>.

## ***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.icfa.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***

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 in Renmin University of China, Beijing, China

For details, please contact Dr. Jun Yan: [jun.yan@uconn.edu](mailto:jun.yan@uconn.edu)

[stat2016.china-r.org](http://stat2016.china-r.org) (under construction)

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/>

The 10th ICSA International Conference on Global Growth of Modern Statistics in the 21st Century

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

<http://www.math.sjtu.edu.cn/conference/2016icsa/Default.aspx>

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