

## ICSA Member News December 2018

### A. Highlights

#### Happy New Year!

#### 1. The 4th ICSA – Canada Chapter Symposium, Advances and Innovations in Statistics and Data Science

The 4th ICSA – Canada Chapter Symposium, Advances and Innovations in Statistics and Data Science, will be held August 9-11, 2019 at Queen's University in Kingston, Ontario. Devon Lin of Queen's University is the Chair of the Local Organizing Committee, Wenqing He of the University of Western Ontario is the Chair of the Scientific Committee. Professor Tony Cai of University of Pennsylvania and Professor Runzhe Li of Pennsylvania State University will be the Keynote Speakers of the Symposium. The symposium welcomes proposals for invited sessions. An invited session consists of four speakers (or three speakers and a discussant), with each speaker having 25 minutes for the presentation and discussion.

Please visit <http://www.icsa-canada-chapter.org/symposium2019/home.html> for more updated information.

#### 2. 2019 ICSA China Conference

The 2019 ICSA China Conference will take place, July 1-July 4, 2019, in Tianjin, China. The Conference will be organized jointly by the International Chinese Statistical Association (ICSA), Nankai University and Shanghai Jiaotong University. It will be held on the campus of Nankai University.

The objective of the conference is to provide a platform for the exchange of recent research and developments in modern statistical methods, to create collaboration opportunities and to identify new directions for further research.

All sessions in the conference will be invited sessions. The program committee members have organized over 80 invited sessions. Due to space limit, the conference will not accept any additional invited session proposals. Please refer to the following information for details:

Website: <http://icsa.jiusem.net>

Tel: 86-22-23501103

Email: [stat@nankai.edu.cn](mailto:stat@nankai.edu.cn)

#### 3. 2019 IMS-China International Conference on Statistics and Probability

The IMS-China International Conference on Statistics and Probability will be held from July 6, 2019 to July 10 to 2019 at Dalian, China. It is an international conference held biennially and covers a wide range of topics in statistics, probability and their related areas. The conference provides an excellent forum for exchanges of the cutting-edge research at the frontiers of those areas, and for forging new research collaborations. Past IMS-China conferences were successfully held in Hangzhou (2008), Weihai (2009), Xian (2011), Chengdu (2013), Kuning (2015), and Nanning (2017).

The more information about the conference, please visit the website of the previous conference held in 2017: <http://2017ims-china.gxun.edu.cn/info/1007/1066.htm>.

#### 4. Statistics Association Presidents Establish the Elizabeth L. Scott and F.N. David Lectureships

On April 26, 2018, the Committee of Presidents of Statistical Sciences (COPSS) announced the establishment of two lectureships named after women: The Elizabeth L. Scott Lecture, and the F.N. David Lecture. The lectures will be given in alternate years at the annual Joint Statistical Meetings (JSM) beginning in 2019. For more information, please download the file [https://icsaimage.files.wordpress.com/2018/05/copss\\_announcement\\_named\\_lectures.pdf](https://icsaimage.files.wordpress.com/2018/05/copss_announcement_named_lectures.pdf).

#### 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 10 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 ([dinchen@email.unc.edu](mailto:dinchen@email.unc.edu)). Five books in the ICSA Springer book series were published in 2017:

- 1) "[\*Monte-Carlo Simulation-Based Statistical Modeling\*](#)" (edited by Chen, Ding-Geng, Chen, John Dean);
- 2) "[\*Phase II Clinical Development of New Drugs\*](#)" (edited by Ting, N., Chen, D.-G., Ho, S., Cappelleri, J.C.);
- 3) "[\*Biased Sampling, Over-identified Parameter Problems and Beyond\*](#)" (edited by Qin, Jing)
- 4) "[\*Statistical Modeling for Degradation Data\*](#)" (edited by Chen, D.-G., Lio, Y., Ng, H.K.T., Tsai, T.-R.)
- 5) "[\*New Advances in Statistics and Data Science\*](#)" (edited by Chen, D.-G., Jin, Z., Li, G., Li, Y., Liu, A., Zhao, Y.)

Thanks to all authors who contributed to these books.

- 1) <http://www.springer.com/us/book/9789811033063>;
- 2) <http://www.springer.com/us/book/9789811041921>;
- 3) <http://www.springer.com/us/book/9789811048548>;
- 4) <http://www.springer.com/us/book/9789811051937>;
- 5) <http://www.springer.com/us/book/9783319694153>.

The following 6 books were published in 2018:

- 1) [\*Biopharmaceutical Applied Statistics Symposium, Volume 1 Design of Clinical Trials\*](#) (edited by Peace, K.E., Chen, D.-G., Menon, S.)
- 2) [\*Biopharmaceutical Applied Statistics Symposium, Volume 2 Biostatistical Analysis of Clinical Trials\*](#) (edited by Peace, K.E., Chen, D.-G., Menon, S.)
- 3) [\*Biopharmaceutical Applied Statistics Symposium, Volume 3 Pharmaceutical Applications\*](#) (edited by Peace, K.E., Chen, D.-G., Menon, S.)
- 4) [\*Proceedings of the Pacific Rim Statistical Conference for Production Engineering: Big Data, Production Engineering and Statistics\*](#) (edited by Choi, D., Jang, D., Lai, T.L., Lee, Y., Lu, Y., Ni, J., Qian, P., Qiu, P., Tiao, G.)
- 5) [\*Statistical Analysis of Microbiome Data with R\*](#) (edited by Xia, Y., Sun, J., Chen, D.-G.)
- 6) [\*New Frontiers of Biostatistics and Bioinformatics\*](#) (edited by Zhao, Y., Chen, D.-G.)

#### B. Sponsored and Co-Sponsored Journals

##### 1. Statistica Sinica

Forthcoming papers' information is available at <http://www3.stat.sinica.edu.tw/statistica/>. The new issue (Volume 28, Number 4, October 2018) is published.

ICSA members have access to these articles via the "membership only area" at <http://www.icsa.org>. If you have any problems with subscription, please contact the editorial office through [ss@stat.sinica.edu.tw](mailto:ss@stat.sinica.edu.tw).

## 2. Statistics in Biosciences

The published new issue is Volume 10 Number 3, in December 2018

<https://link.springer.com/journal/12561/10/3/page/1>

Recently accepted articles can be found at the journal website

<https://link.springer.com/journal/12561/onlineFirst/page/1>

A link for submitting your article to SIBS online is below

<https://www.editorialmanager.com/sibs/default.aspx>

## 3. 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 science, 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://intlpress.com/site/pub/pages/journals/items/sii/ home/ main/> for more information. Most recent issue is available at <http://intlpress.com/site/pub/pages/journals/items/sii/content/vols/0012/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.

## C. Upcoming ICSA Meetings

Please find below a list of upcoming ICSA meetings. This list also appeared on the ICSA website. Meetings not included in our list are not authentic ICSA meetings. If you have any questions, please contact Gang Li, the ICSA Executive Director ([gli@its.jnj.com](mailto:gli@its.jnj.com)).

### 1. 2019 ICSA Conference on Data Science

The 2019 ICSA Conference on Data Science will take place, January 11-13, 2019, in Xishuangbanna, Yunnan, China. The conference is co-organized by ICSA, Yunan Applied Statistical Association, and Shanghai Jiaotong University.

For more information, please visit the website <http://china2019.icsa.org/xishuangbanna/main.html>.

### 2. ICSA 2019 Applied Statistics Symposium

ICSA 2019 Applied Statistics Symposium will be held on *June 9-12, 2019* at the Raleigh Convention Center in Raleigh, NC.

Professor Wenbin Lu at North Carolina State University ([lu@stat.ncsu.edu](mailto:lu@stat.ncsu.edu)) will be the Chair of the organization committee.

For more information, please visit the website <https://symposium2019.icsa.org>.

### 3. 2019 ICSA China Conference

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The objective of the conference is to provide a platform for the exchange of recent research and developments in modern statistical methods, to create collaboration opportunities and to identify new directions for further research.

All sessions in the conference will be invited sessions. The program committee members have organized over 80 invited sessions. Due to space limit, the conference will not accept any additional invited session proposals.

#### **4. ICSA 2020 Applied Statistics Symposium**

ICSA 2020 Applied Statistics Symposium will be held on May 17-20, 2020 at The Westin Galleria Houston, Houston, TX.

Dr. Hulin Wu at The University of Texas Health Science Center at Houston ([hulin.wu@uth.tmc.edu](mailto:hulin.wu@uth.tmc.edu)) chairs the Organization Committee.

#### **D. Upcoming Co-Sponsored Meetings**

Please find below a list of upcoming ICSA co-sponsored meetings. This list also appeared on the ICSA website. Meetings not included in our list are not authentic co-sponsored meetings. If you have any questions, please contact Gang Li, the ICSA Executive Director ([gli@its.inj.com](mailto:gli@its.inj.com)).

##### **1. Seventy Fourth Annual Deming Conference on Applied Statistics**

The Seventy-Fourth Annual Deming Conference on Applied Statistics will be held from Dec. 3, 2018 to Dec. 7, 2018 at Tropicana Casino and Resort, Havana Tower, Atlantic City, NJ.

Program Committee: Walter Young, Alfred Balch, Satish Laroia, Manoj Patel, Wenjin Wang, Din Chen, Ivan Chan, Kalyan Ghosh, Naitee Ting, Xiaoming Li, Joseph Borden, Nandita Biswas

For more information about the conference, please visit <https://www.demingconference.com/>.

##### **2. The 7th Workshop on Biostatistics and Bioinformatics**

The 7th Workshop on Biostatistics and Bioinformatics will be held at 25 Park Place, Georgia State University, Atlanta from May 10, 2019 to May 12, 2019.

Biostatistics and Bioinformatics have been playing key and important roles in statistics and other scientific research fields in recent years. The goal of the 7th workshop is to stimulate research and to foster the interaction of researchers in Biostatistics & Bioinformatics research areas. The workshop will provide the opportunity for faculty and graduate students to meet the top researchers, identify important directions for future research, facilitate research collaborations.

A distinguished speaker of the Workshop is Prof. Samuel Kou, Harvard University.

For more information, please visit the website <https://math.gsu.edu/yichuan/2019Workshop/>.

##### **3. The 3rd International Conference on Statistical Distributions and Applications**

The 3rd International Conference on Statistical Distributions and Applications will be held from October 10, 2019 to October 12, 2019 at Eberhard Conference Center, Grand Rapids, Michigan, USA.

For more information about the conference, please visit <http://people.cst.cmich.edu/lee1c/icosda2019>.

#### 4. Online Training Program

Online training serves as a viable alternative to traditional continuing education options, e.g., to short courses offered at biostatistical conferences. Over the past year, the ASA Biopharmaceutical Section has been working on creating an online training program aimed at clinical trial statisticians and set up a pilot program which includes half-day and full-day courses on key topics in biopharmaceutical statistics:

Analysis of Longitudinal and Incomplete Data

Multiplicity Issues in Clinical Trials

Analysis of Surrogate Endpoints in Clinical Trials

The section has received much positive feedback from industry and academic statisticians. Clinical trial statisticians who took advantage of the online training program emphasized that this program is convenient, inexpensive and quite flexible.

A similar online training program has been set up for ICSA members. As a member of the ICSA, you will receive a 50% discount when you sign up for any course included in the program. The online training courses are based on professionally recorded videos using a format similar to that used in YouTube videos. The videos can be accessed 24/7 on a computer or even on a smart phone. The cost of online training is quite low compared to traditional training, and it can be further reduced by using a group-training format. Up to 25 people can view an online training course with a single registration, which lowers the cost of online training to about \$20-25 per person for full-day courses and \$10-15 per person for half-day courses.

For more information about the online training program and to sign up for the individual online courses, please visit this web page:

<http://sprmm.com/icsa/>

#### E. Job Listings

##### **1. Assistant Professor - Biostatistics, Div. of Epi/Bio (Job ID #105817), School of Public Health (SPH), UNIVERSITY OF ILLINOIS AT CHICAGO**

###### Description:

The Division of Epidemiology and Biostatistics at the University of Illinois at Chicago (UIC) is seeking applications for one tenure-track Assistant Professor position in Biostatistics with a focus on Big Health Data. A particular focus of this search is on candidates who are interested in statistical and machine learning, computational statistics, methods for the analysis of electronic health records, methods for big data, data integration, causal inference, high-dimensional data, statistical genomics and precision health. Excellent candidates with other research foci are encouraged to apply.

###### Duties:

The successful candidate will be expected to develop an independent research career within a multidisciplinary health sciences environment, as well as teaching skill, since this position will entail graduate level teaching in health analytics and biostatistics. Applicants must have a doctoral degree in biostatistics, statistics or related field; highly desirable is an individual whom can demonstrate potential for success in independent research and teaching in health analytics courses. The Division is also particularly interested in receiving applications from individuals who have in-depth knowledge and experience in analyzing both structured and unstructured high dimensional medical data.

###### Qualifications:

The Division of Epidemiology and Biostatistics in the School of Public Health has 23 faculty members and approximately 60 PhD and 100 Master's students. The Division is involved in cutting edge statistical methodological research and scientific investigation in diverse areas of public health, biomedicine and health sciences.

The Division has ties with various units in the College of Medicine, University of Illinois Cancer Center, Population Health Science program, the Institute of Health Research Policy and other research groups across campus. The graduate program in the School of Public Health at UIC is ranked among the top 20 Public Health programs and is recognized for its excellence. UIC is one of the most diverse research-intensive universities in the United States, and is designated as a Minority Serving Institution, an Asian American and Native American Pacific Islander-Serving Institute, and a Hispanic Serving Institution. It is located in close proximity to downtown Chicago with easy access to world class cultural and scientific resources. We actively seek applicants who will enrich and contribute to the diversity of our faculty and help us expand the perspectives and experiences we bring to our work.

The University of Illinois at Chicago offers competitive salaries and excellent benefits.

To apply, please visit: [jobs.uic.edu/job-board/job-details?jobID=105817&job=assistant-professor-biostatistics-div-of-epi-bio](http://jobs.uic.edu/job-board/job-details?jobID=105817&job=assistant-professor-biostatistics-div-of-epi-bio) and upload a statement of interest, CV, and three reference letters. For fullest consideration, the application must be completed by January 31, 2019, though the search will remain open until the position is filled.

The University of Illinois at Chicago is an affirmative action, equal opportunity employer that has a strong institutional commitment to the principle of diversity and is particularly interested in receiving applications from a broad spectrum of people, including members of ethnic minorities, women, covered veterans, and individuals with disabilities.

The University of Illinois may conduct background checks on all job candidates upon acceptance of a contingent offer. Background checks will be performed in compliance with the Fair Credit Reporting Act.

## **2. Job Vacancy at National Sun Yat-sen University, Kaohsiung, Taiwan**

The Department of Applied Mathematics at National Sun Yat-sen University invites applications to fill a full-time faculty position (subject to the approval by the University) beginning August 1, 2019. Recent PhDs with exceptional potential at the rank of assistant professor and/or internationally well-established senior candidates at the rank of associate or full professor will be considered. A successful candidate must have a doctorate in mathematics or statistics, and should have strong research record and excellence in teaching. All areas of mathematics, applied mathematics, scientific computing and statistics will be considered. Interested applicants should send, by January 15, 2019, a cover letter of application, curriculum vitae, transcripts, research summary, and reprints to

Chairperson

Department of Applied Mathematics, National Sun Yat-sen University, Kaohsiung 804, Taiwan, R.O.C.

Email: [head@math.nsysu.edu.tw](mailto:head@math.nsysu.edu.tw)

Tel : +886-7-5252000 ext. 3800, 3834; Fax: +886-7-5253809

Website: <http://www.math.nsysu.edu.tw>

Applicants should also arrange at least three letters of recommendation which should be sent directly to the above address. The instruction language is Mandarin and the ability of teaching in Mandarin is therefore required.

## **3. Tenure-Track Research Positions at Institute of Statistical Science, Academia Sinica**

Applications are invited for tenure-track appointments as Full/Associate/Assistant Research Fellows in the Institute of Statistical Science, Academia Sinica (ISSAS), to commence on August 1, 2019 or as soon as possible thereafter. Applicants should possess a Ph.D. degree in Statistics, Data Science or related areas, and should submit: (1) a cover letter, (2) an up-to-date curriculum vita, (3) a detailed publication list, (4) a research proposal, (5) three letters of recommendation, and (6) representative publications and/or technical reports. Additional supporting materials such as transcripts for new Ph.D. degree recipients may also be included. Electronic submissions are encouraged. Applications should be submitted to

Dr. Frederick Kin Hing Phoa

Chair of the Search Committee

Institute of Statistical Science, Academia Sinica

128 Sec. 2 Academia Road, Taipei 11529, Taiwan, R.O.C.

Fax: +886-2-27831523

E-mail: [recruit@stat.sinica.edu.tw](mailto:recruit@stat.sinica.edu.tw)

Application materials should be received by **December 15, 2018** for consideration, but early submissions are encouraged.

For more information, please visit the website <http://www.stat.sinica.edu.tw/statnewsite/job/show/1777/>