A. Announcements

1. 2018 ICSA Election

ICSA election on 2018 ICSA Officers is started, please vote by July 29th. Candidates' information can be found [here](http://www.icsa.org/election). Please update your contact information and password so that you can cast a vote for the election of new ICSA officers. If you have not done so, please update your information so that you could cast your vote for officer elections.

If you have any question, please contact Dr. Gang Li at GLi@its.jnj.com.

2. Updates on 2017 ICSA China Conference at Jilin, China

The 2017 ICSA China Conference with the Focus on Lifetime Data Science was successfully held on July 2 - July 5, 2017 in the beautiful Jilin City, Jilin Province, P.R. China. The conference, which had 2 keynote sessions and 24 invited sessions, attracted more than 120 researchers around the world. "The meeting had a focus on lifetime data science but attracted people from many other related areas," said Prof. Jianguo Sun, the Chair of the Scientific Committee of the 2017 ICSA China Conference at Jilin. "The ICSA leaders and local people did a ton of work, which was key for the success of the conference." Five young researchers (see below) were awarded the Junior Researcher Award (http://sta.jlu.edu.cn/icsa-2017/?mod=info&act=view&id=30) that was sponsored by Biostatistics & Data Sciences Department at Boehringer Ingelheim (BI). The conference was organized by Jilin University and Beihua University with Prof. Dehui Wang and Prof. Yueting Yang being the Co-Chairs of the Local Organizing Committee.

Congratulations to the five recipients of the Junior Researcher Award:

**Giorgos Bakoyannis**, Indiana University, Fairbanks School of Public Health and School of Medicine

(paper title: "Semiparametric Analysis of Competing Risks Data under Double-Sampling Designs")

**Yang Li**, University of North Carolina at Charlotte

(paper title: "Semiparametric varying-coefficient regression analysis of recurrent events")
Ling Ma, Clemson University, Clemson, SC

(paper title: "Joint modeling of functional data and time to event: an application to fecundity studies")

Peijie Wang, Center for Applied Statistical Research, School of Mathematics, Jilin University

(title paper: "Regression Analysis of Doubly Interval-Censored Failure Time Data with a Cured Subgroup")

Xue (Loya) Yang, Janssen Research & Development, Shanghai, China

(paper title: "Improve efficiency and reduce bias of Cox regression models for two-stage randomization designs using auxiliary covariates")

3. 2017 American Statistical Association (ASA) Fellows

Congratulations to the following eleven ICSA members who were elected as ASA Fellows:

- Rongwei Fu, Professor, Oregon Health and Science University
- Xuelin Huang, Professor of Biostatistics, University of Texas MD Anderson Cancer Center
- Xiaoming Huo, Professor, Georgia Institute of Technology
- Guanghan Frank Liu, Distinguished Scientist of Biostatistics, Merck Research Labs
- Wenbin Lu, Professor, North Carolina State University
- Ping Ma, Professor, University of Georgia
- Yanyuan Ma, Professor of Statistics, Penn State University
- Wei Sun, Associate Member, Fred Hutchinson Cancer Research Center
- George C. Tseng, Professor, University of Pittsburgh
- Jun Yan, Professor, University of Connecticut
- Ying Yuan, Professor, University of Texas MD Anderson Cancer Center

4. 2017 Institute of Mathematical Statistics (IMS) Fellows

Congratulations to the following five ICSA members who were elected as IMS Fellows:

- Yanyuan Ma (Professor of Statistics, Penn State University)
- Mei-Cheng Wang (Professor, Department of Biostatistics, Johns Hopkins University)
- Lijian Yang (Professor, Tsinghua University, China)
- Fang Yao (Department of Statistical Sciences, University of Toronto)
- Linda Zhao (Professor of Statistics, University of Pennsylvania)
5. ICSA Activities at JSM

1) ICSA general member meeting
6-8 pm, 8/2/2017, 
room: H-Key Ballroom 123

2) ICSA banquet at JSM
Galaxy Asian Cuisine
6219 Baltimore National Pike
Catonsville, MD 21228

6. 2018 ICSA Applied Statistics Symposium

The 2018 ICSA Applied Statistics Symposium will be held from Thursday June 14 to Sunday June 17, 2018 at Hyatt Regency New Brunswick, New Brunswick New Jersey. You are cordially invited to the symposium!

Call for Invited Session Proposals

We welcome your session proposals. The invited session proposals will be reviewed and selected by the program committee. An invited session will be 100 minutes with four speakers or three speakers and one discussant. A proposal should include: 1) Session title; 2) Organizer(s) (with affiliation and email contact information); 3) Session chair (with affiliation and email contact information); 4) a list of speakers or discussant (with affiliation and email contact information and tentative talk titles). There is one-talk policy, but one can serve as a discussant in another invited session while speaking in an invited or contributed session.

It is required to confirm all speakers and discussants availability before submitting a proposal. The submission deadline is December 1, 2017.

Call for Course Proposals

There will be six short course slots in the symposium. We welcome your submission of short course proposals. Please include in your proposal a brief description of the course with title, course plan, target audience and estimated audience size, plus a short biography of the instructor(s). The short course proposals will be reviewed and selected by the program committee. The submission deadline is January 1, 2018.
Call for Student Paper Award Applications

We welcome students to submit their original research article for the competition for a Student Paper Award. Up to eight student award winners will be selected. Each winner will receive a plaque or certificate, an award for travel and registration reimbursement up to $1,000 or a cash award of $550, whichever is bigger, as well as a free registration for a short course. The deadline for application is March 1, 2018.

Call for Sponsorship:

Corporate support has always been and will continue to be a critical factor to the success of the Symposium and ICSA. The 2018 ICSA Applied Statistics Symposium is seeking for sponsorship to support student awards, reimburse the keynote speakers and other symposium costs. Sponsors at both Gold and General levels will be recognized through our publications and onsite signage and reach a broad domestic and international audience through the symposium. At the Gold level, sponsors will also be given the opportunities to set up an exhibition booth and a placement service at the symposium. Your corporate sponsorship will demonstrate not only your leadership in the industry but also the corporation's recognition of statisticians' significant contribution in the business. Any level of contributions will be appreciated.

7. Announcement on the Change of ICSA Membership Fees

There has been no change in the regular fee for 16 years, and no change on lifetime membership for 7 years. The income from current membership fees can cover less than half of ICSA expenses. Unlike ASA, ENAR and IMS, current ICSA operations are mainly based on volunteers. Although ICSA pays IT and office staff, the payment is minimal and our IT needs much more investment to keep current support, let alone better support. The membership fee has been reviewed by the membership committee several times and the rate change has been discussed on the board of directors' meetings. ICSA board of directors has approved the following membership rates:

1. Regular 1-year membership fee: $80
2. Lifetime membership fee: $1,000

The new rates is effective on July 1, 2017.
8. 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) or Dr. Din Chen (dinchen@email.unc.edu). Four 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.)

Thanks to all authors who contributed to these books.


B. Sponsored and Co-Sponsored Journals

1. Statistica Sinica: Call for submissions for a special issue on "Big Data in Environmental Studies"

The environment has become increasingly important in recent years as pressures from human impacts and interactions are starting to be realized. This is not an isolated or a local issue. Most indicators suggest that global warming is already showing impacts throughout the world and extreme weather events have become commonplace. Furthermore, the impact of air pollution, such as smog and high PM2.5 measurements, on health and economy is once again a serious problem in developed and developing countries worldwide. In addition, by many accounts we are now in the midst of the sixth great species extinction event in the history of the planet. The processes underlying these challenges are complex, showing spatio-temporal structure, non-Gaussian error distributions, and multivariate interactions. Furthermore, understanding these challenges is both facilitated by and, paradoxically, limited by the increasing volumes of data that are being collected on the environment through remote sensing platforms, complex sensor
networks, GPS movement and accelerometer data, and social network information. Indeed, these are "big data!" Many of the existing statistical methods to address problems with complex data structures require retooling in the presence of such massive data streams.

The goal of the proposed theme topic of "Big Data in Environmental Studies" is to encourage high-quality research on the theory and methods for analyzing big data related to the environment, and to put those papers in one place to facilitate further research. Both methodological and application papers are welcome. All submissions will go through the rigorous review process of the journal in a timely manner, and interested authors should submit their manuscripts on the Scholar One web of the journal. Please mark clearly that the manuscripts are for the theme topic of "Big Data in Environmental Studies." The deadline for the submission is December 31, 2017 and the targeted publication is January 2019.

Statistica Sinica is delighted to have the following guest co-editors for this theme topic:

a) Professor Song-Xi Chen, Iowa State University and Peking University
b) Professor Ruey S. Tsay, University of Chicago
c) Professor Christopher Wikle, University of Missouri.

2. Statistica Sinica


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.

3. Statistics in Biosciences

The published new issue is Volume 9 Number 1, in June 2017

https://link.springer.com/journal/12561/9/1/page/1

Recently 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
4. 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://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.

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).

1. 2018 ICSA China Conference

July 2- July 5, 2018, Qingdao, Shandong

2018 ICSA China Conference will be held on July 2-5, 2018 at Hyatt Regency Qingdao, 88 Donghai East Road, Qingdao, Shandong, China. This conference is co-sponsored by the Ocean University of China. For more information, please contact Professor Gang Li of UCLA at vli@ucla.edu.

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.jnj.com).
1. The 7th IMS-FIPS Workshop

July 27-28, 2017, University of Maryland in Baltimore County (UMBC), Baltimore, Maryland

For details, see http://www.umbc.edu/circ/hosting/IMS-FIPS2017/.

Contact: Professor Tze Leung Lai, lait@stanford.edu.

2. Conference on Frontiers of Big Data and Statistical Sciences: organized by ICSA Canada Chapter

August 18 - 20, 2017, Vancouver, British Columbia, Canada

Contact: Lang Wu (lang@stat.ubc.ca) or Changbao Wu (cbwu@uwaterloo.ca).


September 6 - 8, 2017, Hilton Durham near Duke University

Contact: Xiaofei Wang (xiaofei.wang@duke.edu)

Website: https://sites.duke.edu/diss2017.

The 5th Duke Annual Statistics Symposium (DISS) is organized by the Department of Biostatistics and Bioinformatics, Duke University School of Medicine, and co-sponsored by Amgen, Boehringer-Ingelheim, ICSA, Janssen, NC-ASA Chapter, PAREXEL, PPD, QuintilesIMS and SAS. It was established 5 years ago to discuss challenging issues and recent advances related to the clinical development of drugs, biologics and devices and to promote research and collaboration among statisticians from industry, academia, and regulatory agencies.

The theme for this year will be "Real World Experience and Randomized Clinical Trials." DISS 2017 will be held on September 6-8, 2017 at the Durham Hilton in Durham, NC. The first day will be devoted to six short courses. The 2nd day will begin with opening remarks and keynote speech by Dr. Warren Kibbe, faculty in the Duke Department of Biostatistics and Bioinformatics and Chief Data Officer for the Duke Cancer Institute. He is the former Acting Deputy Director of the National Cancer Institute (NCI) and Director of the NCI's Center for Biomedical Informatics and Information Technology. The remainder of the 2nd day consists of 17 parallel scientific sessions. On the final day, Dr. Robert Califf, with leadership roles in Duke University School of Medicine and Verily Life Sciences and the former FDA commissioner, will present a feature lecture and we will continue with the parallel scientific sessions. A poster session will also be held.
4. 24th Meeting of the Biopharmaceutical Applied Statistics Symposium (BASS XXIV)

October 23-27, 2017, Hotel Indigo Savannah Historic District, Savannah, GA.

Contact: Anthony Segreti, BASS Chair, segretia@bellsouth.net and website: http://www.bassconference.org.

The BASS XXIV will be held on 23-27 October 2017, at the Hotel Indigo Savannah Historic District - Savannah, GA. One-hour tutorials, on diverse topics pertinent to the research, clinical development and regulation of pharmaceuticals, will be presented on 23-25 October 2017, by speakers from academia, the pharmaceutical industry and the Food and Drug Administration (FDA). For the first time, BASS will offer a poster session. Two parallel, two-day short courses will be presented on 25-27 October. Popular features of BASS are the Keynote Address, Reception Dinner and the FDA/Industry/Academia session.

BASS is a non-profit entity established to support graduate studies in biostatistics. BASS has supported over 50 Master's or Doctorate degree graduate students in Biostatistics. For further information, contact the BASS registrar at Rewhitworth@gmail.com, BASS Chair Tony Segreti, 919-417-5181, email segretia@bellsouth.net. The BASS Webpage may be viewed at www.bassconference.org.

E. JOB LISTINGS

1. Professor / Associate Professor / Assistant Professor in Applied Statistics and Financial Mathematics / Engineering and Computational Mathematics / Applied Optimization and Operations Research, THE HONG KONG POLYTECHNIC UNIVERSITY

THE HONG KONG POLYTECHNIC UNIVERSITY

The Hong Kong Polytechnic University is a government-funded tertiary institution in Hong Kong. It offers programmes at various levels including Doctorate, Master's and Bachelor's degrees. It has a full-time academic staff strength of around 1,300. The total consolidated expenditure budget of the University is close to HK$7 billion (US$900 million) per year.

DEPARTMENT OF APPLIED MATHEMATICS

Professor / Associate Professor / Assistant Professor in Applied Statistics and Financial Mathematics / Engineering and Computational Mathematics / Applied Optimization and Operations Research (several posts)

The Department of Applied Mathematics (AMA) is part of the Faculty of Applied Science and Textiles. The Department offers undergraduate programmes in Investment Science, Actuarial
Science, and Statistics and Computing, and makes a significant contribution to most of the other academic programmes of the University by providing service teaching. It also offers master programmes in Applied Mathematics for Science and Technology with specialism in Decision Science and Actuarial Science, and Operational Research and Risk Analysis. Members of the Department have expertise in applied optimisation and optimal control, engineering computation, operational research, management science and applied statistics. There are currently 50 academic staff and about 42 research personnel in the Department. Please visit the website at http://www.polyu.edu.hk/ama for more information about the Department.

The appointees will be required to (a) teach and contribute to curriculum development at undergraduate and postgraduate levels; (b) supervise MPhil and PhD students; (c) engage in scholarly research, consultancy and other scholarly activities leading to publications in top-tier refereed journals and awards of research grants; and (d) undertake academic and departmental administrative duties. The Department has established a Joint Research Institute with the Academy of Mathematics and System Sciences of the Chinese Academy of Sciences. The appointees are expected to be actively involved in the activities of the Institute.

Applicants should have (a) a doctoral degree in Mathematics / Statistics / Financial Mathematics / Operations Research / Computational Mathematics / Applied Mathematics or a closely related field; (b) an established track record in research and scholarship, including refereed publications and external grant applications; (c) expertise in applied statistics, operations research and mathematics; and (d) a demonstrated commitment to excellence in teaching.

Applicants for appointment at Professor level should demonstrate a strong background in research in the aforementioned field(s) with an international academic profile. They should also demonstrate excellent international reputation in research and possess an excellent record of academic leadership and research scholarship, both in terms of publications and funded research. The successful candidates will be appointed at the level commensurate with their qualifications and experience.

**Remuneration and Conditions of Service**

A highly competitive remuneration package will be offered. Initial appointments for Assistant Professor will be on a fixed-term gratuity-bearing contract. Re-engagement thereafter is subject to mutual agreement. An appropriate term will be provided for appointment at Associate Professor and Professor levels. For general information on terms and conditions for appointment of academic staff in the University, please visit the website at http://www.polyu.edu.hk/hro/TC.htm. Applicants should state their current and expected salary in the application.

**Application**

Please submit application form via email to hrstaff@polyu.edu.hk; by fax at (852) 2764 3374; or by mail to Human Resources Office, 13/F, Li Ka Shing Tower, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong. If you would like to provide a separate curriculum vitae, please complete the application form which will help speed up the recruitment
process. Application forms can be obtained via the above channels or downloaded from http://www.polyu.edu.hk/hro/job/en/guide_forms/forms.php.

Recruitment will continue until the positions are filled. Initial consideration of applications will commence on 21 July 2017. Details of the University's Personal Information Collection Statement for recruitment can be found at http://www.polyu.edu.hk/hro/job/en/guide_forms/pics.php.

2. A full-time/visiting faculty position 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/visiting faculty position (subject to the approval by the University) beginning February 1 or August 1, 2018. 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 October 10, 2017, 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

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. Sr. Statistician, Celgene Corporation, Berkeley Heights, NJ
Company Background

Celgene is a global biopharmaceutical company leading the way in medical innovation to help patients live longer, better lives. Our purpose as a company is to discover and develop therapies that will change the course of human health. We value our passion for patients, quest for innovation, and spirit of independence and love of challenge. With a presence in more than 70 countries - and growing - we look for talented people to grow our business, advance our science and contribute to our unique culture.

Responsibilities

Responsibilities will include, but are not limited to, the following:

1. Actively provide statistical support to the Clinical R&D Department.
   - Contribute to efficient study design, prepare statistical consideration sections and provide input into other protocol sections.
   - Prepare statistical analysis plans including table shells.
   - Analyze clinical trial data; work with programmers to provide tables, listings and graphs, including ad hoc validation.
   - Review, synthesize, interpret and report analysis results.
   - Provide ad hoc data driven analyses.
   - Provide statistical input for the preparation of final study reports and other required documents.
   - Support preparation of manuscripts.
   - Provide statistical support for integrated reports, submissions preparation, and post-submission activities.
   - Provide project requirements to programmers
   - Work closely with different departments in the company (regulatory, clinical, marketing, data management, health economics, etc.) and provide statistical support for a variety of functional groups.
   - Manage outside CROs and consultants as needed.

2. Apply statistics modeling, text mining, and other latest techniques to efficiently extract relevant information from public sources or internal database. The extracted information will be further used in explorative analyses to assist clinical trial design or improve efficiency of clinical trial conduct and data analysis.
3. Explore and apply innovative approaches to solve real world problems and develop new methodologies or process.

4. Proactively seeks ways to gain broader experience/perspectives and focuses on a robust professional development plan Qualifications Ph.D. in Statistics or related fields with 2 plus years (or 5+ years for MS) pharmaceutical experience supporting clinical trials or computing experience for text mining.

**Skills/Knowledge Required :**

- Ph.D. or MS. in statistics, text mining, machine learning, or related fields.
- Working experience in text mining or related areas is a plus
- Demonstrated skill in the analysis and reporting of clinical trials.
- Knowledge of statistical methodologies and statistical regulatory requirements.
- Strong knowledge of clinical trial design concepts and clinical drug development process
- Knowledge of statistical computing software (e.g. SAS, R, or WinBUGs).
- Knowledge of MS Office products (Word, Excel, PowerPoint)
- Experience working in a team environment and a good team player.
- Self-motivated and good interpersonal, communication, writing and organizational skills.
- The level of position is negotiable

**To Apply**

To apply, please click this link: [http://adtrk.tw/XQakC](http://adtrk.tw/XQakC).

Celgene is committed to equal opportunity in the terms and conditions of employment for all employees and job applicants without regard to race, color, religion, sex, sexual orientation, age, gender identity or gender expression, national origin, disability or veteran status.

Celgene complies with all applicable national, state and local laws governing nondiscrimination in employment as well as employment eligibility verification requirements of the Immigration and Nationality Act. All applicants must have authorization to work for Celgene in the U.S.