A. Announcements

1. 2019 ICSA International Conference

The 2019 ICSA International Conference will be held on December 17 - 20 (Tue - Fri), 2019 at the Activity Center and Humanities and Social Sciences Center, Academia Sinica, Taipei, Taiwan. For more information, please contact Co-Chairs of this conference:

Dr. Hsin-Cheng Huang (hchuang@stat.sinica.edu.tw),

Dr. Mei-Ling Ting Lee (mltlee@umd.edu)

and the Local Organization Committee Chair,

Dr. Hsin-Chou Yang (hinchou@stat.sinica.edu.tw).

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) will be the Chair of the organization committee.

3. 2018 ICSA China Conference

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.

4. ICSA 2018 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 Jersey, USA. This will be the 27th annual symposium for ICSA. The theme of this conference is The New Era of Data Science and Inference, in recognition of a new era for statisticians with different challenges and opportunities. Keynote speakers include:

Dr. Brad Efron, Max H. Stein Professor of Humanities and Sciences, Professor of Statistics, and Professor of Biostatistics at Stanford University;

Dr. Lisa LaVange, Director of the Office of Biostatistics in the Center for Drug Evaluation and Research (CDER), at US FDA;

Dr. Xuming He, Chair and H.C. Carver Professor of Statistics at University of Michigan; and

Dr. Cun-Hui Zhang, Distinguished Professor at Rutgers University.

As always, the 2018 symposium will offer short courses, invited sessions, contributed sessions, and poster presentations. More details on the conference can be found at http://www.icsa.org/icsa_login/symposium2018/main.html.
2. 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. Statistic Sinica

Forthcoming papers' information is available at http://www3.stat.sinica.edu.tw/statistica/ . The new issue (Volume 27, Number 4, October 2017) 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.

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

http://www.editorialmanager.com/sibs/

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. 2019 ICSA International Conference

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4. 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.

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. 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
The University of Nebraska Medical Center (UNMC) College of Public Health is seeking outstanding candidates for the next Chair of the Department of Biostatistics.

RESPONSIBILITIES

The Chair is responsible for leading the department including developing new programs, strengthening existing programs, expanding the statistical methodology profile of the department, and growing collaborative relationships. The chair also oversees the department budget, coordinates teaching assignments, and evaluates and mentors department faculty and staff. This position is a 12-month appointment with administrative, teaching, research, and service responsibilities.

QUALIFICATIONS

A Ph.D. degree in biostatistics or statistics is required. The candidate should also have a record of accomplishment of collaborative research and peer-reviewed publications, demonstrated ability to obtain extramural funding for research, and track record of effective teaching and student mentoring as would be expected for the rank of full professor. The chair is expected to have effective interpersonal and communication skills, leadership and management experience, faculty mentorship experience, and a strong track record of collaborative and/or statistical methodology work. Experience managing a biostatistics consulting service, developing and implementing biostatistics academic programs, and directing extramurally funded research will be considered positively.

UNMC DEPARTMENT OF BIOSTATISTICS

The Department of Biostatistics is one of the 5 academic departments in the UNMC College of Public Health. The Department serves as the portal for the UNMC campus to access statistical support through the Center for Collaboration on Research Design and Analysis (CCORDA). The department offers an MPH concentration in Biostatistics and a PhD. The department includes 7 faculty members and 6 master's trained statisticians, with a wide variety of research interests and expertise.

UNMC provides exciting opportunities for collaboration and growth for the Department of Biostatistics, as the UNMC research enterprise continues to grow in many areas. Cross-campus collaboration opportunities include cancer research, neuroAIDS, neurology, rheumatoid arthritis, and pulmonary disease among others. The department is a shared resource of the Fred & Pamela Buffet Cancer Center (https://www.unmc.edu/cancercenter/), and biostatistics core for the NIGMS-funded Great Plains IDeA-CTR, NIH-funded pancreatic SPORE, and for the neighboring Boys Town National Research Hospital Center for Communication Disorders. The new Interprofessional Experiential Center for Enduring Learning will help us take biostatistics education to a new level. (https://www.unmc.edu/iexcel/)

For more information about the department (including its mission and vision statements), visit:

https://www.unmc.edu/publichealth/departments/biostatistics/

About UNMC and the College of Public Health

A vital enterprise in the nation's heartland, the UNMC has its eye on improving the future of health care in Nebraska and beyond. As Nebraska's only public academic health sciences center, UNMC is committed to the education of a 21st century health care work force, to finding cures and
treatments for devastating diseases, to providing the best care for patients, and to serving our state and its communities through award-winning outreach. UNMC also is committed to embracing the richness of diversity, and is a major economic engine for the state of Nebraska. The UNMC consists of seven colleges (Colleges of Medicine, Nursing, Pharmacy, Dentistry, Allied Health Professions, Graduate Studies as well as Public Health). UNMC also has four affiliated institutes: Eppley Cancer Research Institute, NIH-designated Munroe Meyer Institute for Genetics and Developmental Disabilities, the Pediatric Research Institute, and the National Strategic Research Institute. UNMC as a whole includes over 1200 faculty and about 3,700 students in more than two dozen programs.

Founded in 2007 and first accredited by the Council on Education for Public Health (CEPH) in 2011, the UNMC College of Public Health offers a wide range of programs and degrees such as certificate programs, the Master of Public Health, the Master of Science, and the doctor of philosophy to provide students with a comprehensive, well-rounded education in public health. The college also offers dual degree programs with other colleges at the University of Nebraska (e.g., MD/MPH, MBA/MPH, PharmD/MPH). The 62,600 square foot, $15 million Harold M. and Beverly Maurer Center for Public Health was opened in 2011 and is home to the UNMC College of Public Health.

How to apply:

To apply for this position, visit: http://unmc.peopleadmin.com/postings/34633. Only online applications will be accepted. Interested applicants should submit a current CV, letter of interest, and 3 references. The letter should highlight the candidate’s vision for the department, his/her experience and philosophy of leadership, administration, and mentoring and outline the candidate’s research and teaching interests and how these fit with the department. Salary will be commensurate with the candidate’s qualifications and experience. Review of applications will begin immediately and continue until the position is filled.

UNMC is an Equal Opportunity/Affirmative Action Employer. Individuals from diverse backgrounds are encouraged to apply.

Inquiries regarding this position should be directed to the chair of the search committee, Dr. Li-Wu Chen at liwuchen@unmc.edu.

2. Full/Associate/Assistant Professors and Post-Doctoral Fellows at National Taiwan University, Taipei, Taiwan

The Department of Mathematics and Institute of Applied Mathematical Sciences at National Taiwan University invite applications for several openings at the levels of tenure-track or non-tenure-track assistant, associate and full professors, and for several post-doctoral positions. The positions begin from August 1, 2018 and are open for the research areas of

(1) pure mathematics, and

(2) computational and applied mathematics, probability and financial mathematics, statistical sciences, data science and others.

Candidates for professorships should have strong commitment to research and teaching. The teaching load may be reduced to one course per semester in the beginning period. The post-doctoral position is a one-year appointment, with a possible extension for one more year. Candidates are required to have received a Ph.D. degree before the start of their appointment and they should show strong research potential.

With donation from alumni, the department can possibly provide new faculty additional financial support up to three years. Young scholars with great performance in research and teaching can
be awarded Junior Fellow. The prize awarded for Junior Fellow is half a million to 1.2 million TWD a year in addition to salary for five years.

Applicants for all positions please send a letter of application, an up-to-date curriculum vitae, recent publications, a research plan and three letters of recommendation to the email address:

hiring@math.ntu.edu.tw

or to the postal address:

Recruiting Committee

Department of Mathematics

National Taiwan University

No. 1, Sec. 4, Roosevelt Road

Taipei 10617

Taiwan

Applicants please specify on the letter of application the position(s) they are applying for. The deadlines is January 15, 2018 for regular positions, and March 31, 2018 for post-doctoral positions. For more information please consult the website at http://www.math.ntu.edu.tw/.

3. 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 programs 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 programs in Investment Science, Actuarial Science, and Statistics and Computing, and makes a significant contribution to most of the other academic programs of the University by providing service teaching. It also offers master programs 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 optimization 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.

4. 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
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.

5. 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.

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.