

ICSA Member News January 2018

A. Announcements

1. ICSA establishes Peter Hall Lecture and Calls for Donation

Peter Hall passed away on January 9, 2016 at the age of 64. We are all very saddened by the loss of Peter, who was a great scholar, a mentor, and a friend to many of the ICSA members. With over 600 journal papers, Peter's scholarly achievements and tremendous productivity are well known. His exceptional intelligence was matched by his extensive service to the community and great personal warmth and generosity. Peter was a strong supporter of the ICSA and Chinese statisticians, especially new researchers. He served as the co-editor for *Statistica Sinica* from 2008 to 2011. Many ICSA members had the good fortune to have known Peter, to have benefited from his wisdom, and to have collaborated with him. Peter was a constant source of inspiration and support. To honor Peter Hall's life and achievements and his contributions to the ICSA, we establish the Peter Hall Lecture and call for donation to the Peter Hall Lecture Fund (http://www.icsa.org/icsa_login/icsa_php/guest_donation.php).

The Peter Hall Lecture will be delivered at the ICSA International Conference every three years. The lecturer will be selected by the ICSA Special Lecture Committee and the ICSA will cover the cost of travel and a plaque for the lecturer. The first lecture will be delivered at the 11th ICSA International Conference in December, 2019.

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.

3. 2018 ICSA Co-Sponsored Conference: Advances in Finite Mixture and Other Non-regular Models

The conference will be held at Guangxi Normal University, Guilin, Guangxi, China, from Aug 12-16, 2018. Detailed information can be found at <http://www.math.gxnu.edu.cn/conf2018/>.

4. 2018 ICSA China Conference

2018 ICSA China Conference will be held on *July 2-5, 2018* at Shangri-La Hotel, 9 Xiang Gang Zhou Lu, Qingdao, Shangdong, China. Detailed information can be found at <http://www.icsa.org/china/symposium/main.html>.

5. 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.

6. 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 (jlhchen@stat.ubc.ca) or Dr. Din Chen (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 4 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.)

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 PM_{2.5} 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

Forthcoming papers' information is available at <http://www3.stat.sinica.edu.tw/statistica/>. The new issue (Volume 28, Number 1, January 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.

3. Statistics in Biosciences

The published new issue is Volume 9 Number 2, in December 2017

<https://link.springer.com/journal/12561/9/2/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://intpress.com/site/pub/pages/journals/items/sii/ home/ main/> for more information. Most recent issue is available at <http://intpress.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. 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.

2. 2018 ICSA China Conference

2018 ICSA China Conference will be held on *July 2-5, 2018* at Shangri-La Hotel, 9 Xiang Gang Zhou Lu, Qingdao, Shangdong, China. This conference is co-sponsored by the Ocean University of China. For more information, please contact Professor Gang Li of UCLA atvli@ucla.edu. Detailed information can be found at <http://www.icsa.org/china/symposium/main.html>.

3. 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 **January 1, 2018**.

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 ICOSA co-sponsored meetings. This list also appeared on the ICOSA website. Meetings not included in our list are not authentic co-sponsored meetings. If you have any questions, please contact Gang Li, the ICOSA Executive Director (gli@its.jnj.com).

1. Advances in Finite Mixture and Other Non-regular Models

August 12 - 16, 2018 at Guangxi Normal University, Guilin, Guangxi, China

For more information, please visit the website <http://www.math.gxnu.edu.cn/conf2018/>.

2. Georgia State University will be hosting a conference entitled "The 6th Workshop on Biostatistics and Bioinformatics"

May 4 - 6, 2018 at Atlanta, GA

For more information, please visit the website: <https://math.gsu.edu/yichuan/2018Workshop/>

Graduate students are welcome to submit the title/abstract to the student poster session.

3. SAE2018: Small Area Estimation and Other Topics of Current Interest in Surveys, Official Statistics, and General Statistics

Saturday, June 16, 2018 to Monday, June 18, 2018

Zhongbei Campus ([3663 North Zhongshan Road](#)), East China Normal University, Shanghai, China. Please see the conference website <https://www.sae2018.com/> for details.

E. JOB LISTINGS

1. Academia Sinica Institute of Statistical Science Regular Research Positions

The Institute of Statistical Science, Academia Sinica, is seeking candidates for tenure-track/tenured research positions at the level of assistant, associate or full research fellow available in 2018. Candidates should have a Ph.D. degree in statistics or related areas. Application materials must include (1) a curriculum vita, (2) three letters of recommendation, and (3) 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. Yi-Hau Chen

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](tel:+886-2-27831523)

E-mail: recruit2017@stat.sinica.edu.tw

Application materials should be received by December 28, 2017 for consideration, but early submissions are encouraged.

2. Chair of the Department of Biostatistics, the University of Nebraska Medical Center (UNMC) College of Public Health

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.

3. 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](mailto: 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/>.