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Highlights

Call for Nominations of Candidates for 2024 ICSA Officers by April 1, 2024

The ICSA 2024 Nomination and Election Committee is seeking for nominations of candidates for ICSA 2025 officers: ICSA President-Elect 2025 and ICSA Board of Directors (2025-2027). The committee plans to identify two candidates for the ICSA President-Elect 2025 and twelve candidates for ICSA Board of Directors (2025-2027) for general election. Candidates for all positions need to be active ICSA members in 2023 and 2024 and have strong interests in serving ICSA. According to the ICSA Bylaws, President-Elect should be from academia, non-academia, or no restriction, on a three-year rotational basis – one year from academia, another from non-academia, and the third year open. The candidates for President-elect 2025 will be from academia. We hope that the candidates for Board of Directors are balanced with respect to gender, region, and area of employment (academia, industry/business, or government). Please file your nomination through the Google form at <https://forms.gle/XcmRKQqs78waiGsH7>

by April 1, 2024. You may contact Dr. Yichuan Zhao at yichuan@gsu.edu if you have any questions.

ICSA 2024 Applied Statistics Symposium (June 16 - 19, 2024)

The ICSA 2024 Applied Statistics Symposium will be held at Vanderbilt University, Nashville, TN. The conference will be at [Loews Vanderbilt Hotel](#). The theme of the symposium is Data-driven Decision Making -Unleashing the Power of Statistics. For detailed information, please refer to this site: [2024 ICSA Applied Statistics Symposium](#).

Call for ICSA 2024 Applied Statistics Symposium Student Paper Award and Travel Grants

To encourage student members of ICSA to participate in and share their research at the symposium, ICSA will offer awards and travel grants for outstanding student papers. The deadline to submit applications is **April 1, 2024**.



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ICSA 2024 China Conference (June 28 - 30, 2024)

The 2024 ICSA China Conference will be held at Wuhan, Hubei, China from June 28 – 30, 2024. It will be co-sponsored by Zhongnan University of Economics and Law (ZUEL). The conference venue will be at Wuhan East Lake Hotel. The hotel information can be found at <http://www.jnhotel.com/>. For more information, please contact the Scientific Program Committee Chair, Professor Xinping Cui at xpcui@ucr.edu. The timeline for proposals of short courses and invited sessions has passed. If you have any questions, please contact the conference organizers directly. For detailed information, you may refer to this site: [2024 ICSA China Conference](#). Early registration and hotel reservations have open to public. For more details, please visit <https://icsa.zuel.edu.cn/>.

ICSA 2024 China Conference invites applications for the Junior Researcher Award by April 15, 2024. Awardees will be selected from junior researchers who submit their papers for presentation at the conference. For more details, please visit <https://icsa.zuel.edu.cn/fhtjxh-Home/single/1656.html>.

Career development in Pharmaceutical Industry

“Daily Work Life as a Statistician in Pharmaceutical Industry”

-- *Knowledge Based Training series*

Time: March 15th 3:00-4:00PM EST

Speaker: Deli Wang, PhD

Registration: https://us06web.zoom.us/webinar/register/WN_60rbsGj9RaiqTnOeW-m-RA

No Experience, No Problem - Launching a Prosperous Career in the Pharmaceutical Industry (February 16, 2024)

The first webinar in ICSA's Webinar series "Soft Skills and Leadership Development in Pharmaceutical Industry" was successfully launched with more than 150 attendees on Feb 15th, 2024 from 3:00-4:00PM EST

Speakers/Panelists: Helena Fan, Yongming Qu, Xiyuan Gao



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Slides:

<https://drive.google.com/file/d/12aZVbmoPTgaXli0rPNLLBnltHCaBviPb/view?usp=sharing>

Recording:

<https://us06web.zoom.us/rec/share/RS21LJVc6UzagEaeDxWNpzZFUvPc8HZdhpZTaY2wwGtORfhDxx087Yn-Klj8se-6.vTpptkpO-r3A2h9H>

Passcode: 7I8dW&2A

Corner to Celebrate ICSA Members

This section is created to highlight the achievements of our members. All ICSA members are encouraged to contact Dr. Jun Zhao, the ICSA Executive Director (executive.director@icsa.org) with the brief introduction about themselves and the award.

Amstat News, November issue, published an ICSA Panel Discusses on Real-World Statistics, Data Science Skills (<https://magazine.amstat.org/blog/2023/11/01/icsa-panel-real-world-skills>) by the Panelists from Industry at the 2023 ICSA Applied Statistics Symposium held at the University of Michigan, Ann Arbor, MI.

Congratulations to four Columbia Biostatistics Master's students on winning the grand prize of its health data hackathon

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Xinyi Shang xs2529@cumc.columbia.edu

Huachen Shan hs3478@cumc.columbia.edu

Siqi Wang sw3347@cumc.columbia.edu

[Hacking Health: Columbia University Healthcare Hackathon | Columbia News](#)



ICSA Springer Book Series in Statistics

The editor of ICSA Springer book series in statistics, Dr. Din Chen, has reported that there are [25 books](#) in the series now. Two new books were published in 2022 with detailed message below. If you plan to write books in the series, please contact Dr. Din Chen (Ding-Geng.Chen@asu.edu).

Statistics in Precision Health: Theory, Methods and Applications

Editors: Yichuan Zhao & Ding-Geng Chen
Copyright: 2024
Published: April 2024

Statistical Inference Under Mixture Models

Author: Jiahua Chen
Copyright: 2023
Published: December 2023

Emerging Topics in Modeling Interval-Censored Survival Data

Editor: Jianguo Sun & Ding-Geng Chen
Copyright: 2022
Published: 15 December 2022

Advances and Innovations in Statistics and Data Science

Editors: Wenqing He, Liqun Wang, Jiahua Chen & Chunfang Devon Lin
Copyright: 2022
Published: 28 October 2022

Refer to [this site](#) for all other books' information.



Sponsored and Co-Sponsored Journals

ICSA Sponsored Journals

Statistics in Biosciences

The published new issue is Volume 15 Issue 3 in December 2023

[Statistics in Biosciences | Volume 15, issue 3 \(springer.com\)](#)

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>

ICSA Co-sponsored Journal

Statistica Sinica

Statistica Sinica is co-sponsored by Institute of Statistical Science Academia Sinica (ISSAS) <https://www.stat.sinica.edu.tw/eng/index.php>. Forthcoming papers' information is available at <http://www3.stat.sinica.edu.tw/statistica/>. The new issue ([Volume 34 Number 1, January 2024 \(sinica.edu.tw\)](#)) is published.

There is one online special issue for your references:

[Vol 33 Special Issue, April 2023 \(sinica.edu.tw\)](#): High-Dimensional Statistics

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.

Upcoming ICSA Meetings

Please find below a list of upcoming ICSA meetings. This list also appears on the ICSA website. Meetings not included in this list are not official ICSA meetings. If you have any questions, please contact Dr. Jun Zhao, the ICSA Executive Director

(executive.director@icsa.org).



All upcoming ICSA conferences are listed under [highlights section](#).

Upcoming Co-Sponsored Meetings

Please find below a list of upcoming ICSA co-sponsored meetings. This list also appears on the ICSA website. Meetings not included in this list are not officially co-sponsored meetings. If you have any questions, please contact Dr. Jun Zhao, the ICSA Executive Director (executive.director@icsa.org).

Fireside Conversation on Empowering Statistics in the Era of AI (March 17, 2024, 11am-1pm EST)

This event is sponsored by Stats Up AI Alliance and ICSA. Join us this Sunday, March 17th, from 11 am to 1 pm EST to discuss Statistics, Machine Learning, Artificial Intelligence, Academic Journals, and Data Science Education **with our 14 distinguished faculty panelists**. **No registration is required**, and you can join us via Zoon link: <https://bit.ly/4a6fkTm>. Also, please stay tuned for our upcoming ICSA Webinar series, which will further explore these critical topics.

Tentative agenda:

- Introduction by Dr. Tian Zheng (Columbia)
- Opening by Dr. Xihong Lin (Harvard)
- Statistical Theory, Applications and AI (Challenges and Opportunities) (45 min)
(Moderator: Dr. Xihong Lin)
 - Tianxi Cai (Harvard U)
 - Haoda Fu (Eli Lilly)
 - Tracy Ke (Harvard U)
 - Jiashun Jin (CMU)
 - Harry Zhou (Yale U)
 - Hongtu Zhu (UNC)
- Statistics, ML, and Data Science Journals in the age of AI (30 min)
(Moderator: Dr. Heping Zhang)
 - Xiao-Li Meng (Harvard U)
 - Annie Qu (UCI)
 - Chengchun Shi (London School of Economics and Political Science)
 - Ji Zhu (U Michigan)



- Statistical education in the age of AI (Advance statistical next generation pipelines and resources in the age of AI (40 min)
(Moderator: Dr. Peter Song)
 - Xuming He (WUSTL)
 - Qiang Sun (U Toronto)
 - Wenyi Wang (MD Anderson)
 - Hulin Wu (UT Houston)
 - Bin Yu (UC Berkeley)

Duke-Industry Statistics Symposium (April 3 – 5, 2024)

The **Duke-Industry Statistics Symposium (DISS2024)** will be held in person on **April 3–5, 2024** with the theme “Statistical Innovation for Next-Generation Pharmaceutical Development”. The symposium will explore the forefront of statistical innovation in next-generation clinical research for pharmaceutical products. For information about the program schedule, including short courses, speakers, talk abstracts, poster submission, and registration, please visit the [DISS2024 Website](#).

Two keynote presentations will feature the work of Dr. Peter Stein, the Director of FDA CDER’s Office of New Drugs, on “Changes in the Drug Development and Regulatory Landscape: Evolutions and Revolutions” on April 4 and Dr. Venkat Sethuraman, the Sr Vice President of Global Biometrics and Data Sciences of Bristol Myers Squibb, on “The Power of AI, Data Sciences, and Technology in Drug Development” on April 5.

Five short courses will be offered on April 3 with titles including AI/ML for Clinical Trials and Humanized AI for Future Healthcare, Dose Optimization, Pragmatic Benefit/Risk Evaluation, Adaptive Platform Trials, and Evaluation of Surrogate Endpoints in Oncology. Seventeen parallel sessions with invited speakers from industry, regulatory agencies, and academics will be offered with topics on Use of RWD to Generate RWE, Joint Modeling of Longitudinal Endpoints, Estimands for Clinical Trial, Bayesian Methods to Borrow Information in Rare Disease Trials, Optimizing Dosing in Drug Development, Covariate Adjustment in Randomized Clinical Trials, Multiple and Hierarchical Outcomes in Clinical Trials, Causal Inference Methods to Estimate Treatment Effects in Clinical Trials, Statistical Innovation in ctDNA Applications in Oncology Drug Development, Bridging Early Insights for Enhanced Oncology Decision-Making, Statistical and Regulatory Consideration for Rare Disease Drugs’ Approval, and Statistical Innovation in Biosimilar and Bioequivalence Studies.

The symposium will offer significantly discounted registration fee for undergraduate and graduate students and postdoctoral scholars with majors in statistics, biostatistics, and data sciences. Students and postdoctoral scholars should email Judy Adkins at judy.adkins@duke.edu and Claire Zhang at yinuo.zhang@duke.edu with their valid credentials to request a student promo code.



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We cordially invite submissions for poster presentations, the poster lightning talk session, and the poster award competition. The poster session and the poster lightning talk session offer a great opportunity for graduate students or junior researchers to share their research work. Posters may focus on any topic within quantitative methods used in pharmaceutical development. The symposium registration fee will be waived for all poster session participants. The deadline for consideration for the poster lightning talk session and the poster award competition is February 15. For more details regarding the poster sessions, please visit <https://sites.duke.edu/diss/poster-session-2024/> and contact Dr. Hwanhee Hong at Hwanhee.Hong@duke.edu if you have any questions.

The 9th Workshop on Biostatistics and Bioinformatics (May 3 - 5, 2024)

Biostatistics and Bioinformatics have been playing key and important roles in statistics and other scientific research fields in recent years. The goal of the 9th 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, and facilitate research collaborations. The workshop will be held at Atlanta, GA.

A keynote speaker is Dr. Kosorok, W.R. Kenan, Jr. Distinguished Professor, Department of Biostatistics, and Professor, Department of Statistics and Operations Research, University of North Carolina at Chapel Hill.

For detailed information including registration, please refer to <https://math.gsu.edu/yichuan/2024Workshop/>

Please contact Dr. Yichuan Zhao (yichuan@gsu.edu) for more information.

Statistics in the Age of AI, George Washington University (May 9-11, 2024)

This conference aims to bring together researchers in academics and industries to explore the impact of AI on statistical research and education and also to brainstorm how statistics can contribute to AI. The conference features two short courses (conformal prediction; causal inference), multiple talk sessions, one poster session, and two panels on research and education/practice in the age of AI respectively.



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Registrations for the conference (May 10 and 11) and short courses (May 9), poster abstract submission, and hotel reservation are all open now. Discounts are offered for student registration. Please refer to the conference website for confirmed speakers and panelists and more: <https://statistics.columbian.gwu.edu/statistics-age-ai> Contact person: Xiaoke Zhang (xkzhang@gwu.edu).

International Conference of Statistics and Data Science (July 9-10, 2024)

The "2023 International Conference for Statistics and Data Science" was successfully conducted on July 12-13, 2023 (<https://www3.stat.sinica.edu.tw/2023icsds/index.html>). The "2024 International Conference for Statistics and Data Science" will be co-hosted by the Department of Statistics at National Chengchi University, the Institute of Statistics at National Yang Ming Chiao Tung University, and the Taiwan Chapter of the International Chinese Statistical Association (ICSA). The organization committee would like to invite you to participate in the International Conference of Statistics and Data Science to be held on July 9-10, 2024, in National Chengchi University, Taipei, Taiwan.

Fifth International Workshop on Statistical Analyses of Multi-Outcome Data (July 9 – 10, 2024)

The "Fifth International Workshop on Statistical Analyses of Multi-Outcome Data," also known as SAM 2024, will take place in Salzburg, Austria, on July 9-10, 2024. Salzburg, renowned as Mozart's birthplace and the picturesque setting for the film "The Sound of Music," is a spectacularly scenic city and an ideal destination for a summer visit. Our workshop covers a broad range of topics, such as complex longitudinal and survival data analysis, high-dimensional data analysis, precision medicine, and artificial intelligence/machine learning methods, among others. There will be 2 plenary sessions, 24 invited sessions, and contributed sessions. A banquet will be held on the evening of July 9. Please visit https://sam-workshop.github.io/SAM_2024/ for more details. If you have any question, please contact Dr. Lei Liu (lei.liu@wustl.edu).

Korean Statistical Association (KSA) Conference (July 4 – 6, 2024)



Korean International Statistical Society (KISS) and KSA (Korean Statistical Association) have agreed to expand the annual meeting of the KSA by allocating 5 KISS invited sessions, which means that we can invite up to 20 speakers. The conference will be held in SKK university (<https://www.skku.edu/eng/>) in Seoul during 7/4-7/6 and the registration has open. As an ICSA member, if you have an interest in organizing sessions or attending the conference, you may contact KISS.

International Indian Statistical Association (IISA) 2024 conference, Dec 27 – Dec 31, 2024

IISA 2024 conference website is now live (IISA 2024 Conference (intindstat.org))! The conference will be held at Cochin University of Science and Technology, India (<https://cusat.ac.in/>) between Dec 27 - Dec 31, 2024. KISS is currently accepting the invited session proposals. ICSA members are encouraged to organize invited sessions and/or attend the conference. Please notify the chair of the ICSA Program Committee Professor Xinping Cui (xpcui@ucr.edu), or the ICSA Executive Director Dr. Jun Zhao (executive.director@ICSA.org) on ICSA organized/sponsored sessions.

Timelines:

- 1st February 2024 Invited Session Proposal Submission Opens
- 31st March 2024 Deadline for submitting Invited sessions
- 31st March 2024 Early bird registration begins
- 31st March 2024 Abstract Submission opens (Contributed & Invited)
- 31st March 2024 Student Paper/Poster Competition Opens
- 31st July 2024 Early Bird Registration ends
- 31st July 2024 Student Paper Competition Submission deadline
- 15th November 2024 Regular Registration Ends

Please read the guidelines and submit your session proposals here <https://www.intindstat.org/conference2024/invitedSessionProposal>
Please reach out to IISA2024@intindstat.org with any question.



Online Training and Seminars

Stay tuned on ICSA Webinar Series in 2024

The ICSA (Webinar subcommittee, Outreach and Engagement Committee) is planning a series of webinars, with topics ranging from career development, statistical knowledge, to cutting edge statistical methodologies. The first Webinar was successfully held in February (Recording: <https://us06web.zoom.us/rec/share/RS21LJVc6UzagEaeDxWNpzZFUvPc8HZdhpZTaY2wwGtORfhDxx087Yn-Klj8se-6.vTpptkpO-r3A2h9H> Passcode: 718dW&2A). ICSA members and friends will be notified of future Webinar information through emails, ICSA websites, social media (e.g., X, WeChat), and other platforms.

Healthcare Innovation Technology: The Pod of Asclepius

Looking to stay up to date on developments in health care technology around the world? The American Statistical Association is sponsoring “The Pod of Asclepius”, a new podcast where data scientists, statisticians, engineers, and regulatory experts discuss the technical challenges in their healthcare domain.

We have over 20 episodes published and available on YouTube, Podbean, iTunes, Stitcher, Podchaser, Tune In Radio, and Google Play.

Looking for a good place to start? Check out the following newly released episode links:

- [The Logic of Statistics](#) with Keith O’Rourke
- [Causal Inference \(The Mixtape\)](#) with Scott Cunningham

The easiest way to catch new episodes is to subscribe via our channels....

Youtube: <https://www.youtube.com/channel/UCkEz2tDR5K6AjlKw-JrV57w>

Podbean: <https://podofasclepius.podbean.com>

You can see our full schedule on the website: www.podofasclepius.com

Fall Series: The Philosophy of Data Science



The series is aimed at incoming statistics and data science students (but will be of significant interest to the general statistics / data science community). The topics will focus on how scientific reasoning is essential to the practice of data science.

For detailed information, please visit: <https://www.podofasclepius.com/philosophy-of-data-science>.

Job Listings

Research Assistant Professor in Applied Statistics and Financial Mathematics / Engineering and Computational Mathematics / Applied Optimization and Operations Research / Data Science and Analytics (two posts) Mathematical Science (Ref. 240214005) at Department of Applied Mathematics of The Hong Kong Polytechnic University

The Department of Applied Mathematics (AMA) is one of the constituent departments of the Faculty of Science. The Department offers Bachelor of Science Scheme in Data Science, and makes a significant contribution to most of other academic programmes of the University by providing service teaching. It also offers master programmes in Applied Mathematics for Science and Technology with specialisms in Decision Science, Actuarial and Investment Science, Operational Research and Risk Analysis, and Data Science and Analytics. Members of the Department have expertise in applied optimization and optimal control, engineering computation, operational research, management science and applied statistics, FinTech, data science and machine learning. There are currently 56 academic staff and about 181 research personnel in the Department. Please visit the website at <http://www.polyu.edu.hk/ama> for more information about the Department.

The Department has established a Joint Laboratory of Applied Mathematics with the Academy of Mathematics and Systems Science of the Chinese Academy of Sciences. The appointees are expected to be actively involved in the activities of the Laboratory.

Duties

The appointees will be required to:



- (a) conduct research as the main duty and actively pursue external research grants, such as General Research Fund, as Principal Investigator or Co-Investigator;
- (b) provide quality teaching at undergraduate or postgraduate level;
- (c) contribute to departmental service; and
- (d) perform any other duties as assigned by the Head of the Department or his/her delegates.

Qualifications

Applicants should:

- (a) have a doctoral degree in Mathematics / Statistics / Financial Mathematics / Operations Research / Computational Mathematics / Applied Mathematics or a closely related field with experience in Data Science and Analytics;
- (b) preferably have at least two years of postdoctoral research experience;
- (c) have demonstrated promise of a high level of creativity in research and teaching in some subdivisions of his/her field;
- (d) be able to demonstrate effective classroom teaching; and
- (e) be highly proficient in written and spoken English.

Conditions of Service

A highly competitive package including a medical benefits plan and a gratuity payable upon completion of the term which is normally for two years initially, with possibility of extension.

Application

Please submit an application through PolyU's career website (<https://jobs.polyu.edu.hk/rap>). **Consideration of applications will commence on 5 March 2024 until the positions are filled.** The University's Personal Information Collection Statement for recruitment can be found at https://www.polyu.edu.hk/hro/careers/pics_for_recruitment/.

Job Vacancies at National Sun Yat-sen University, Kaohsiung, Taiwan

The Department of Applied Mathematics at National Sun Yat-sen University invites applications for several full-time faculty positions (availability subject to the approval by the University) beginning August 1, 2024. Recent PhDs and young researchers with exceptional potential are invited to apply for an assistant professorship, and senior fellows with academic reputation will



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be considered for an associate or full professorship. Applicants in all areas of mathematics, applied mathematics, scientific computing and statistics, as well as those specializing in data science and AI will be considered. A successful candidate should have a Ph.D. in relevant subjects, and the ability to teach in English. **Applicants please send, by February 1, 2024, a cover letter of application, curriculum vitae, transcripts, publication list, and three recommendation letters** to the following address by post or email, and fill in the online form for basic information.

Chairperson

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