



# ICSA Member News January 2024

<b>Highlights</b>	3
Call for ICSA 2024 Award Nomination by March 1, 2024 .....	3
Distinguished Achievement Award	3
Outstanding Young Researcher Award	3
Outstanding Service Award	4
Call for Nominations of Candidates for 2024 ICSA Officers by April 1, 2024 .....	5
ICSA 2024 Applied Statistics Symposium (June 16 - 19, 2024) .....	5
Call for ICSA 2024 Applied Statistics Symposium Student Paper Award and Travel Grants	5
ICSA 2024 China Conference (June 28 - 30, 2024) .....	5
No Experience, No Problem - Launching a Prosperous Career in the Pharmaceutical Industry (February 16, 2024).....	6
<b>Corner to Celebrate ICSA Members</b>	7
<b>ICSA Springer Book Series in Statistics</b>	7
<b>Sponsored and Co-Sponsored Journals</b>	8
ICSA Sponsored Journals .....	8
Statistics in Biosciences	8
ICSA Co-sponsored Journal.....	9
Statistica Sinica	9
<b>Upcoming ICSA Meetings</b>	9
<b>Upcoming Co-Sponsored Meetings</b>	9
Duke-Industry Statistics Symposium (April 3 – 5, 2024).....	9
The 9th Workshop on Biostatistics and Bioinformatics (May 3 - 5, 2024) .....	11
Fifth International Workshop on Statistical Analyses of Multi-Outcome Data (July 9 – 10, 2024).....	11
<b>Online Training and Seminars</b>	12



Stay turned on ICSA Webinar Series in 2024.....	12
Healthcare Innovation Technology: The Pod of Asclepius .....	12
<b>Job Listings</b>	13
Job Vacancies at National Sun Yat-sen University, Kaohsiung, Taiwan .....	13
Research Professor and Director of Social Statistics Hub .....	14
Biostatistician II-III (MS)/Senior Biostatistician (PhD) .....	16
Assistant Professor in Applied Optimization and Operations Research / Data Science and Analytics / Applied Statistics and Financial Mathematics / Engineering and Computational Mathematics / Mathematical Science (Ref. 231003010) at Department of Applied Mathematics of The Kong Kong Polytechnic University .....	16



## Highlights

### Call for ICSA 2024 Award Nomination by March 1, 2024 Distinguished Achievement Award

The ICSA Distinguished Achievement Award is presented to individual(s) “In recognition of the distinguished achievement in statistical research and unselfish support of the association”, as noted at the ICSA website: <https://www.icsa.org/distinguished-achievement-award/>.

**Eligibility:** Nominees must be ICSA members with good standing, being a member of ICSA for at least the past three consecutive years. Members of the Award Committee and the Executive Committee are not eligible to receive the award during the term of service.

**Nomination Process:** Nominator is responsible for preparing a complete package for the nominee that should at minimum contain the following 1) nominee’s most recent curriculum vitae; 2) cover letter from the nominator summarizing the nominee’s achievement in statistical research and unselfish support of the association. Besides items 1) and 2), additional nomination material such as recommendation letters is encouraged but not required. Please send the nomination materials to Award Committee Chair, Zhigang Li, via email to [zhigang.li@ufl.edu](mailto:zhigang.li@ufl.edu) with the subject entitled "Distinguished Achievement Award Nomination". Nomination items can be sent as pdf, ps or plain text attachments.

**Deadline:** The deadline for nomination is **March 1, 2024**.

Additional Information: The ICSA Award Committee will review and evaluate nominations.

### Outstanding Young Researcher Award

The ICSA Young Researcher Award is presented to young scholar(s) “In recognition of the outstanding research in statistical theory, methodology, and/or applications”, as noted at the ICSA website: <https://www.icsa.org/awards/outstanding-young-research-award/>.

**Eligibility:** Nominees must be ICSA members for at least the past year. Eligible nominees should have obtained their PhD degree or an equivalent degree in the past six years. For example, an individual eligible for 2023 must have received a doctoral degree dated 2017 or later.

**Nomination Process:** Nominator is responsible for preparing a complete package for the nominee that should contain the following 1) nominee’s most recent curriculum vitae;



and 2) cover letter from the nominator summarizing the nominee's achievement in statistical research and/or applications. Additional nomination materials such as recommendation letters are encouraged but not required. Send the nomination materials to Award Committee Chair, Zhigang Li, via email to [zhigang.li@ufl.edu](mailto:zhigang.li@ufl.edu) with the subject entitled "Outstanding Young Researcher Award Nomination". Nomination items can be sent as pdf, ps or plain text attachments.

**Deadline:** The deadline for nomination is **March 1, 2024**.

Additional Information: The ICSA Award Committee will review and evaluate nominations.

## Outstanding Service Award

The ICSA Outstanding Service Award is presented to individual(s) "In recognition of the individual's dedicated effort, unselfish support, and outstanding service to the association", as noted at the ICSA website: <https://www.icsa.org/awards/outstanding-service-awards/>.

**Eligibility:** Nominees must be ICSA members with good standing, being a member of ICSA for at least the past three consecutive years. Members of the Award Committee and the Executive Committee are not eligible to receive the award during the term of service.

**Nomination Process:** Nominator is responsible for preparing a complete package for the nominee that should contain the following 1) nominee's most recent curriculum vitae; and 2) cover letter from the nominator summarizing the nominee's service to the association. Additional nomination materials such as recommendation letters are encouraged but not required. Send the nomination materials to Award Committee Chair, Zhigang Li, via email to [zhigang.li@ufl.edu](mailto:zhigang.li@ufl.edu) with the subject entitled "Outstanding Service Award Nomination". Nomination items can be sent as pdf, ps or plain text attachments.

**Deadline:** The deadline for nomination is **March 1, 2024**.

Additional Information: The ICSA Award Committee will review and evaluate nominations.



## 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](mailto: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**.

## 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](mailto: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](#).

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>.

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

As the first webinar in ICSA's Webinar series "Soft Skills and Leadership Development in Pharmaceutical Industry", it will discuss the topics below from the viewpoint of both a seasoned hiring manager and an excelled candidate

- Career path in the Pharmaceutical industry
- Plan your career for success even in a challenging job market
- Interview preparation and skills: What hiring managers really want to know about you, and tips to ace an interview
- Qualities for long term success in the pharmaceutical industry

**Panelist:** Yongming Qu & Xiyuan Gao

**Facilitator:** Helena Fan

**Date/Time:** February 16, 3-4pm

**Registration link:** [https://us06web.zoom.us/webinar/register/WN\\_R70L\\_MYaSte1Dd0Dr0IdBA](https://us06web.zoom.us/webinar/register/WN_R70L_MYaSte1Dd0Dr0IdBA)

**Yongming Qu** is currently a Vice President and a technical leader in Department of Statistics and Advanced and Analytics at Eli Lilly and Company. He received his PhD in Statistics from Iowa State University in 2002 and subsequently joined Lilly. He has made significant contributions in all phases of clinical development. He has been passionate in developing new statistical methods for better clinical trial design and data analysis that impact drug development in and outside Lilly. He published more than 90 articles in statistical and medical journals. He is a Fellow of American Statistical Association.

**Xiyuan Gao** is working as a *Senior Research* Statistician at AbbVie Inc. since May of 2023. Before joining AbbVie, she had finished three internships at Bayer, Novartis, and the Missouri Department of Conservation. Xiyuan received her Ph.D. in statistics from University of Missouri-Columbia in 2023.



International Chinese Statistical Association

泛華統計協會

During her PhD study, she has received ICSA Applied Statistics Symposium Student Paper Award, the Second Place of ASA Statistical Significance Award, and the Third Place of JSM Biopharmaceutical Poster Award.

**Helena Fan** is a co-founder of The Lotus Group, the leading recruitment firm for biometric professionals in the life science industry. With an MBA from the University of Southern California and a Master's in Public Health from West China University of Medical Science in China. Helena brings a wealth of knowledge and expertise accumulated over her impressive 20-year career in the staffing industry. Her journey includes pivotal roles where she has made significant contributions to the field, aiding numerous individuals in securing dream opportunities and achieving their career aspirations.

## 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](mailto: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.

## 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](mailto: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**



International Chinese Statistical Association

泛華統計協會

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](mailto: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](mailto: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](mailto:executive.director@icsa.org)).

### 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-



International Chinese Statistical Association

泛華統計協會

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](mailto:judy.adkins@duke.edu) and Claire Zhang at [yinuo.zhang@duke.edu](mailto:yinuo.zhang@duke.edu) with their valid credentials to request a student promo code.

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](mailto: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](mailto:yichuan@gsu.edu)) for more information.

## **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/](https://sam-workshop.github.io/SAM_2024/) for more details. If you have any question, please contact Dr. Lei Liu ([lei.liu@wustl.edu](mailto:lei.liu@wustl.edu)).

## Online Training and Seminars

### Stay turned 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. ICSA members will be notified to these webinars through emails, ICSA websites, and social media (e.g., X, WeChat). Stay turned.

### 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](http://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

---

### 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 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

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

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

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

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

Online form: <https://forms.gle/bge4uoVU5Tn5SXki7>



## Research Professor and Director of Social Statistics Hub

Population Research Center at UT Austin Seeks Research Professor and Director of New Statistics and Data Science Hub

The Departments of Sociology and Psychology, in partnership with the Population Research Center (PRC) at The University of Texas at Austin, invite applications for the position of non-tenured Research Associate Professor or Research Professor in the area of social science statistics. The position's purpose is to lead a newly conceived Social and Behavioral Statistics and Data Science (SBSDS) Hub housed within the PRC. Although it is expected that the SBSDS Hub Director will be hired into the either the Department of Sociology or Psychology, the position's ultimate academic home will be open to the most appropriate fit for the scholar whose expertise and experience most closely match programmatic need. This research faculty position, appointed on a 12-month basis, includes principal investigator (PI) status, mentoring graduate students as appropriate, and interacting with faculty with common or overlapping interests across the university.

As part of the PRC, the SBSDS Hub is conceived as a forward-thinking collaborative resource for data science for the faculty, post-doctoral researchers, and students of the PRC. The SBSDS Hub aims to provide strong quantitative and methodological expertise, and to apply new methodologies as needed, critical to advancing the PRC's research mission. It will also serve as a methodological concierge—helping investigators identify methodological needs—and in so doing will tap strong connections to the university's rich scholarly community to advance basic and translational science for the PRC.

As founding Director of the SBSDS Hub, job responsibilities will include:

- Directing the day-to-day operations of the SBSDS Hub with regard to assessment and triage of new projects, and tracking progress of existing projects;
- Recruiting and overseeing graduate student and professional (typically MS-trained) statistical experts who will work on projects with PRC investigators;
- Playing key methodological roles in the design and conduct of research studies and the analysis and interpretation of the ensuing data in collaboration with PRC investigators; and
- Fostering a collaborative and collegial culture around quantitative methodology in social science.

The PRC aims to provide outstanding research infrastructure resources and sustain a dynamic interdisciplinary culture geared toward facilitating the highest level of population-related research among its faculty members, postdoctoral scholars, and graduate trainees. The PRC



supports research that moves well beyond the bounds of traditional demography to the cutting edge of population research.

Underlying the work of the PRC is a foundation that emphasizes:

- Fundamental attention to issues of social and economic inequality, particularly by race/ethnicity, gender, and socioeconomic status;
- Rigorous attention to, and application of, the most appropriate and advanced methodological techniques; and
- An orientation toward federal and major foundation grant funding and publication in top quality scientific journals.

Most PRC research is concentrated in four overlapping and reinforcing thematic areas: Population Health and Well-Being; Reproductive, Maternal, and Infant Health; Family Demography Human Development; and Education, Work, and Institutions. Many PRC researchers work in more than one of these overlapping and reinforcing areas, and in collaborative, interdisciplinary teams.

#### Qualifications

Required qualifications:

- PhD (or related doctoral degree) in statistics, biostatistics, economics, education, epidemiology, human development, psychology, sociology, political science, or a closely related quantitative area, with strong quantitative methodological training.
- Broad expertise in statistical methods and modern data science tools and extensive experience in their applications in social sciences population-based research.

Preferred qualifications:

- Several years of experience providing collaborative statistical support to applications for funding and to funded projects at an academic or research institution.
- Ability and demonstrated interest in collaborative research in population-based social science investigation.
- Outstanding leadership skills.
- Supervisory experience.



## Application Instructions

Potential applicants should contact search chair, Dr. Paul Rathouz, with any questions about the position (paul.rathouz@austin.utexas.edu). Applications will be accepted via <https://apply.interfolio.com/130104>. Applicants must submit (1) a cover letter (up to two pages) that describes their interest in and fit with the position as well as their methodological expertise and experience with collaborative research, (2) a curriculum vitae, and (3) a list of three referees (with email addresses). Interfolio will email the referees directly with instructions on uploading letters of recommendation.

Review of applications will begin September 30, 2023 and continue until the position is filled. Salary is competitive and commensurate with experience and qualifications. Position funding is subject to budget availability.

## **Biostatistician II-III (MS)/Senior Biostatistician (PhD)**

UT Austin: The Biomedical Data Science Hub at Dell Medical School seeks mid- or senior-career MS Biostatistician and senior PhD Biostatistician to join dynamic group in support of mission-critical clinical and population health investigation. Positions involve a wide variety of projects and, at the senior level, project coordination opportunities. Please see the three listings for experience and education requirements specific to each title: [Biostatistician II](#), [Biostatistician III](#), and [Senior Biostatistician](#) and apply by 11/5/2023 if possible!

## **Assistant Professor in Applied Optimization and Operations Research / Data Science and Analytics / Applied Statistics and Financial Mathematics / Engineering and Computational Mathematics / Mathematical Science (Ref. 231003010) at Department of Applied Mathematics of The Kong Kong Polytechnic University**

The Department of Applied Mathematics (AMA) is part 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 131 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 appointee is expected to be actively involved in the activities of the Laboratory.

### **Duties**

The appointee 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 award of research grants;
- (d) undertake academic and departmental administrative duties; and
- (e) perform any other duties as assigned by the Head of Department or his delegates.

### **Qualifications**

Applicants should:

- (a) have a PhD in Mathematics / Statistics / Financial Mathematics / Operations Research / Computational Mathematics / Applied Mathematics or a closely related field;
- (b) have expertise in applied statistics, operation research or mathematics;
- (c) have an established track record in research and scholarship, including refereed publications and external grant applications;
- (d) have a demonstrated commitment to excellence in teaching; and
- (e) be highly proficient in written and spoken English.

### **Conditions of Service**

A highly competitive remuneration package will be offered. Appointment will only be on a fixed-term gratuity-bearing contract.

### **Application**



International Chinese Statistical Association

泛華統計協會

Please submit an application through PolyU's career website (<https://jobs.polyu.edu.hk/academic>). **Consideration of applications will commence on 24 October 2023 until the position is filled.** The University's Personal Information Collection Statement for recruitment can be found at [https://www.polyu.edu.hk/hro/careers/pics\\_for\\_recruitment/](https://www.polyu.edu.hk/hro/careers/pics_for_recruitment/).