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# **Highlights**

## ICSA 2022 Applied Statistics Symposium Open for Registration (June 19-22, 2022)

The ICSA 2022 Applied Statistics Symposium will be held at University of Florida, Gainesville, FL on June 19 – 22, 2022. **The theme of the symposium is Statistical Innovation in the Era of Artificial Intelligence and Data Science**. Keynote speakers are Dr. Susan Murphy (Harvard), David Siegmund (Stanford), and Jianqing Fan (Princeton). Detailed information including key dates is available at [2022 ICSA Applied Statistics Symposium](https://symposium2022.icsa.org/): **the registration is open now with** [**this link**](https://symposium2022.icsa.org/registration/)**.** For questions, please contact the Chair of Organizing committee, Professor Samuel Wu (samwu@biostat.ufl.edu).

## ICSA 2022 China Conference (July 1 - 4, 2022)

The 2022 ICSA China Conference is co-organized by the ICSA and Xi’an University of Finance and Economics (XUFE) and will be held on July 1st to 4th, 2022 (China Time) in a hybrid format with in-person activities in the campus of XUFE. **Please follow** [**this link**](http://tongji.xaufe.edu.cn/icsa/Registration.htm) **for registration.** The conference is featured by three keynote speakers, Professor Richard Samworth from University of Cambridge, Professor Jane-Ling Wang from University of California Davis, Professor Shurong Zheng from Northeast Normal University, and over 50 scientific sessions. The registration will open soon. For any general inquiry, please contact Dr. Jianguo (Tony) Sun at sunj@missouri.edu. For any inquiry about scientific program, contact Dr. Yingying Fan at fanyingy@marshall.usc.edu or Dr. Chunjie Wang at wangchunjie@ccut.edu.cn.  Refer to [this link](http://tongji.xaufe.edu.cn/icsa/Conference_Introduction.htm) for details regarding this conference.

## The Fifth ICSA-Canada Chapter Symposium (July 8 – 10, 2022)

The ICSA Canada Chapter will hold its next biennial symposium conference at Banff, Canada during July 8-10, 2022. The theme of the conference will be “Statistics: From Data to Knowledge” and it will cover broad areas in statistics and data sciences and their applications, The Executive Committee and the Program and Local Organizing Committees are planning an in-person conference for this symposium. The details will be released soon on the symposium website (coming soon). We welcome all to participate this conference. Please pass this message to anyone who may be interested in this event. If you are interested in attending the conference by organizing an invited session or presenting a talk, please let the Program Chair, Dr. Dehan Kong ([dehan.kong@utoronto.ca](file:///C%3A%5CUsers%5Crm35691%5CDownloads%5Cdehan.kong%40utoronto.ca)) know. To better estimate the number of participants for planning purpose, we appreciate if you can let us know your participation as soon as possible.

Please click [this link](https://icsa-canada-chapter.org/?page_id=78) for more information.

## The 12th ICSA International Conference (December 18 – 20, 2022)

The 12th ICSA International Conference will be held at the Chinese University of Hong Kong, Hong Kong, from December 18 to December 20, 2022. For information, please contact Scientific Program Committee Chair Professor (Tony) Jianguo Sun at sunj@missouri.edu or Co-Chair Professor Xingqiu Zhao at Xingqiu.Zhao@polyu.edu.hk. For detailed information, please refer to this site: <https://international2022.icsa.org/>.

### Junior Research Award Application for ICSA 2022 International Conference by September 1, 2022

The 12th International Conference of ICSA invites applications for **Junior Researcher Award**. Awardees will be selected from junior researchers who submit their papers for presentations at the conference to be held in Hong Kong during December 20 – 22, 2022. Students or Junior Researchers who received their degrees no earlier than **January 1, 2017** are encouraged to submit a research paper on statistical methodology, novel application of statistical methods to problems in other disciplines, or other suitable contributions to statistics and data sciences. Jointly authored papers are acceptable, but the applicant is expected to be the lead author and present the work in the meeting. In addition, the applicant must be an active ICSA member or joins ICSA before September 1 2022, and the paper must not be published or accepted before September 1, 2022.

**Application**:

Formal application consists of sending an e-mail to Dr. Hongbin Fang at hf183@georgetown.edu with the subject title as “Application – The 12th ICSA International Conference Junior Researcher Award” with the following attachments (in PDF):

A cover letter with contact information

The curriculum vita of the applicant

The manuscript of the completed research

The application deadline is **September 1, 2022.**

**Award**:

Papers will be reviewed by the Award Committee of the 12th International Conference of ICSA and up to five award winners will be selected. Criteria for selection will include, but are not limited to, novelty in theory/methods/applications, significance and potential impact of the research, and clarity and well-writing in English. The award will be presented to the winners during the conference banquet.

**Junior Researcher Award Committee**:

Dr. Hongbin Fang (Chair), Georgetown University, USA

Dr. Chun-ling Liu, The Hong Kong Polytechnic University, Hong Kong

Dr. Chunjie Wang, Changchun University of Technology, China

Dr. Bin Zhang, Cincinnati Children's Hospital and Medical Center, USA

## Call for Invited Sessions for 2022 IISA Conference (December 26 – 30, 2022)

The International Indian Statistical Association (IISA, [https://www.intindstat.org/](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.intindstat.org_&d=DwMFaQ&c=bKRySV-ouEg_AT-w2QWsTdd9X__KYh9Eq2fdmQDVZgw&r=y6yNg4vCfRgcHZAU4jjSlYy5SKyAyVi418VcVXqtX1A&m=7EGO2TUdsGiF18YwKoskaDYfosDvffZuzAxqXf2f3WM&s=ySLa1dXyYyooJMsz6UbKxhlQ978KiA9FN1yO-QgYr-I&e=)) will host 2022 conference at the Indian Institute of Science, Bangalore, India between December 26-30, 2022.  ICSA members are cordially encouraged  to organize invited sessions by submitting the invited session proposal form from this link: <https://www.intindstat.org/conference2022/invitedSessionProposal>.  For detailed information, please refer to the site: [https://www.intindstat.org/conference2022/index](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.intindstat.org_conference2022_index&d=DwMFaQ&c=bKRySV-ouEg_AT-w2QWsTdd9X__KYh9Eq2fdmQDVZgw&r=y6yNg4vCfRgcHZAU4jjSlYy5SKyAyVi418VcVXqtX1A&m=7EGO2TUdsGiF18YwKoskaDYfosDvffZuzAxqXf2f3WM&s=v5xFTBU26iyH4_0UnMDqEJxwGfUfUi_f5GFcWwTjqyA&e=).

## ICSA 2023 Applied Statistics Symposium (June 11 – 14, 2023)

The ICSA 2023 Applied Statistics Symposium will be held at the University of Michigan, Ann Arbor, MI. For session proposals, interests, and questions, please contact the co-Chairs of the Organizing Committee, Dr. Jian Kang (jiankang@umich.edu) and Dr. Gongjun Xu (gongjun@umich.edu).

# **ICSA Springer Book Series in Statistics**

The editor of ICSA Springer book series in statistics, Dr. Din Chen, has reported that there are [22 books](https://www.springer.com/series/13402?detailsPage=titles) in the series now. If you plan to write books in the series, please contact Dr. Din Chen (Ding-Geng.Chen@asu.edu).

Refer to [this site](https://www.springer.com/new%2B%26%2Bforthcoming%2Btitles%2B%28default%29?SGWID=5-40356-404-653425-13402&originalID=176744253&sortOrder=pubdateSortdesc&searchType=BYSERIES&searchScope=editions&resultStart=11) for all other books’ information.

# **Sponsored and Co-Sponsored Journals**

## ICSA Sponsored Journals

### Statistica Sinica

Forthcoming papers' information is available at [http://www3.stat.sinica.edu.tw/statistica/](https://u2058087.ct.sendgrid.net/wf/click?upn=gOTWIdkfgBFXFdQmgJw0Ey2sMNY3d-2FpvDvmXYvNli7pezP6vhNXVBu1bd5eyyIAyohA6N7cKMP74MGNhyNilCIgMEP4SA2it1PDk8O97GBCwY8Hp5baQSGIfN8VZh8OYSVc43SwByuR-2BYJpgC9gfbTMcdgJ-2FhhdMHV1C7HDoreQRfHHZVcEW7wky32khTh62St6-2FrHS5MXJziHrEPGKBG9WeIvBZolnVvPFMEd3S80kEGkN2-2FM-2FVNcWkhmEW8doXZIGKrLhp4B34GCGl0WOz1umZGYnIFNgJJbsKOEyl91G6ezkWDTDbGwSggNNrpyCncGpVSC20qRvVxEIrwRXW9Ma9pvoEEBQQgv1Dv-2Bibwpp4xtyXTrA2tzHN5PRNTUuAc7ZLcwanhIIlY0fytAFcflSuN12A9tmdooaYLt4dsPYK-2BSI5F2scfo2cxL3-2BePYjZdhA75gK2tv5tGY1pBPdYtw-2FQTpC-2FJtLTW2GIPDREf9gL-2B-2Ff9KCJ5ADKBva6eEJFMlfRa8LhzVHPKi61FNCiyn1PU-2BMljivFtT4iHdSYio8-3D_TBC5mkzPWohEz469hY801C7cN7BhyO5QMcncriRYgj3azUXGUZxMirmnsJpdE89HbDLkfAvqXNNNB5xjk56zGc2-2FwImA17s-2B9E3R2Md-2FxG5eM-2FOK0a2IzNAGinACAD3vojch9fIgi5h9cHQ31JELsSYIVZzcF30hCCfzxmMkOw8BetwTYXu2BwZkGMbGWoLxq-2FJFbMVMjLzZHfVPlnJhV83qbMHXYl9qanOefdkAB3k-3D).The new issue ([Volume 32, Number 2, 2022](http://www3.stat.sinica.edu.tw/statistica/)) is published.

ICSA members have access to these articles via the "membership only area" at [http://www.icsa.org](https://u2058087.ct.sendgrid.net/wf/click?upn=gOTWIdkfgBFXFdQmgJw0Ey2sMNY3d-2FpvDvmXYvNli7pezP6vhNXVBu1bd5eyyIAyohA6N7cKMP74MGNhyNilCCwWZ2fnMGjltXOXr7zuHsTKI-2BpR70IvKPR4KrKy4WB9yeLf6BAKbUl2N64V44NQw1n-2BVa5QfPEJDPyUJ6S7MwAmxv2vTTluLIpLD2YrAHKYBF-2BkMOcf-2FA428El075js98p44K0IPjllkvO7T-2BX8SO-2B76OGmeyRd3twXsFTAIECjkcH1ECNDNDrNzTJQQqF61BKV4TUQNzvY1vknm8hviBc0GN0rRkdhrZMSAuameV9bwTOwS1zRZFutGs9tesHB338gU9-2FfYrRlq97rwSaRKA2CXgugt5WiOU2tcrmDmbj1nZaUFSndKVQEEPCVq1sGWSG1w6q1hDZ5Ki6gS8c48KB-2Bc3zpqIaLcUSl-2F9MOOxBwMBIn3Bt7EEBQqi6CI6K2bvhyNDqUv4OySuyjdsbx40c-3D_TBC5mkzPWohEz469hY801C7cN7BhyO5QMcncriRYgj3azUXGUZxMirmnsJpdE89HbDLkfAvqXNNNB5xjk56zGc-2FTp2UwaLkFNfwzYf01-2FNFzAXHjFCQDvWMIRFlrwPGYe4tq9GwsOb-2FnZx1DNB-2FhMq8RYsx-2FglYCXFCzDCdWv4EYh3Q4Tufdj4muYDCyWJnaGNUrshWkukc-2BD4uaYuWLnPyBG8jp1CBxHvrVK3im6-2B4-3D).If you have any problems with subscription, please contact the editorial office throughss@stat.sinica.edu.tw.

### Statistics in Biosciences

The published new issue is Volume 14 Issue 1 in April 2022

[Statistics in Biosciences | Volume 14, issue 1 (springer.com)](https://link.springer.com/journal/12561/volumes-and-issues/14-1)

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

### Statistics and Its Interface (SII)

Visit SII's web page at <http://intlpress.com/site/pub/pages/journals/items/sii/_home/_main/> for more information on the most recent issue ([Volume 15 (2022), Number 4](https://www.intlpress.com/site/pub/pages/journals/items/sii/content/_home/index.php)).

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 thirteen volumes.

**Call for Papers: Special Collection Celebrating Professor Lincheng Zhao’s 80th Birthday**

Professor Lincheng Zhao is an internationally recognized scholar and is prominent for his contributions in M-estimation, Nonparametric Statistics, Signal Processing and Limit Theorems in Probability Theory and Statistics. Ever since 1982, he has been teaching at the University of Science and Technology of China, which has nurtured many world-class scholars in Statistics. In 2022, Professor Lincheng Zhao will celebrate his 80th birthday. To pay a tribute to his illustrious career and long-term service, Statistics and Its Interface (SII) is pleased to announce a special issue of invited contributions to honor his birthday.

Contributions are invited on any topic within the scope of the journal. The submission deadline for the special issue is **December 31, 2022**. All submissions must be online through the website

 <http://www.e-publications.org/ip/sbs/index.php/index/login>

Please state that your submission is for “the special issue in honor of Professor Zhao” in the Box of Comments to the editors. The submissions will go through regular review process.

Steven Shuangge Ma (Co-Guest Editor), Yale University

Tiejun Tong (Co-Guest Editor), Hong Kong Baptist University

Jinfeng Xu (Co-Guest Editor), Hong Kong University

Hong Zhang (Co-Guest Editor), University of Science and Technology of China

Ming-Hui Chen (Co-Editor-in-Chief), University of Connecticut

Yuedong Wang (Co-Editor-in-Chief), University of California, Santa Barbara

**Call for Papers: Special Issue on Modern Data Science and Applications**

A special issue of Statistics and Its Interface (SII) on Modern Data Science and Applications is now accepting submissions. Because of the rapid growth and diversification of research in current data science, the area is becoming more popular and widely employed across a wide range of disciplines such as medicine and public health as well as in the engineering, finance and business fields. Statistics and computational approaches are applied to real-world phenomena and problems in data science, which explores new types of data, concepts, experiments, descriptions, estimates, and forecasts. Moreover, new questions are being posed based on novel data and findings from Data Science approaches, as well as on previously unexplored topics. Thus, we encourage submissions based on original, thorough research in all scientific fields.

The special issue's submission deadline is **December 1, 2022**. All submissions must be made online using the website

<https://www.e-publications.org/ip/sbs/index.php/SII/login>,

and please specify in the Box of Comments to the Editors that your submissions are "For the Special Issue on Modern Data Science and Applications. There will be a standard review of the submissions. As soon as a manuscript is accepted, it will be published in full in the journal.

Please make sure your manuscript hasn't been previously published or is being considered for publication elsewhere before submitting. A single-blind peer-review method is used for all manuscripts. On the Instructions for Authors page, you can find a handbook for authors, as well as other helpful information.

Linglong Kong (Co-Guest Editor), University of Alberta

Xinyuan Song (Co-Guest Editor), The Chinese University of Hong Kong

Niansheng Tang (Co-Guest Editor), Yunnan University

Xueqin Wang (Co-Guest Editor), University of Science and Technology of China

Hongtu Zhu (Co-Guest Editor), The University of North Carolina at Chapel Hill

Ming-Hui Chen (Co-Editor-in-Chief), University of Connecticut

Yuedong Wang (Co-Editor-in-Chief), University of California, Santa Barbara

**Call for Papers: Special Issue on Statistical Learning of Tensor Data**

Statistics and Its Interface (SII) invites submissions for a **special issue on statistical learning of tensor data**. Tensor, or multidimensional array, is arising in a wide range of scientific and business applications. Research on learning of tensor data has been rapidly expanding during the last few decades, extending to modern datasets such as medical images, social network, and personalized recommendation systems, and widely used in many fields including medicine, biology, public health, engineering, finance, economics, sports analytics, and environmental sciences. The rapid developments also lead to many challenges in estimation, inference, prediction, and computation in learning of tensor data. SII promotes interface between statistical theory, methodology and applications. Thus, we strongly encourage innovative theory, methodology and novel applications in statistical learning of tensor data. The review papers related with statistical learning of tensor data are also welcomed. Your papers, once accepted, will be published together in a special issue of SII.

The submission deadline for the special issue is **October 1, 2022**. All submissions must be online through the website <http://www.e-publications.org/ip/sbs/index.php/index/login>. Please state that your submissions are “For the Special Issue on statistical learning of tensor data” in the Box of Comments to the editors. The submissions will go through regular review process. As the editors for this special issue, we will handle the peer review timely and carefully.

With your support and collaboration, we are confident that the special issue will be a success that will reflect the state-of-art of research at the frontier of this vital and rapidly developing area. We look forward to receiving your papers in due course.

Guanyu Hu (Co-Guest Editor), University of Missouri

HaiYing Wang (Co-Guest Editor), University of Connecticut

Jing Wu (Co-Guest Editor), University of Rhode Island

Anru Zhang (Co-Guest Editor), Duke University

Ming-Hui Chen (Co-Editor-in-Chief), University of Connecticut

Yuedong Wang (Co-Editor-in-Chief), University of California, Santa Barbara

# **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. Mengling Liu, the ICSA Executive Director

**(**executive.director@icsa.org).

## ICSA 2023 China Conference

The ICSA 2023 China Conference will be held at Chengdu, co-sponsored by Southwest Jiaotong University (SWJTU).

# **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. Mengling Liu, the ICSA Executive Director (executive.director@icsa.org).

##

## The 8th Workshop on Biostatistics and Bioinformatics (Postponed to Summer, 2022)

Biostatistics and Bioinformatics have been playing key and important roles in statistics and other scientific research fields in recent years. The goal of the 8th 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, facilitate research collaborations. The workshop will be held at Atlanta, GA.

A keynote speaker is Dr. Nilanjan Chatterjee, Bloomberg Distinguished Professor of Biostatistics and Medicine at the Johns Hopkins University.

For detailed information including registration, please refer to <https://math.gsu.edu/yichuan/2022Workshop/>

## IMS Asia Pacific Rim Meeting (Postponed to January, 2024)

The sixth meeting of the Institute of Mathematical Statistics Asia Pacific Rim Meeting (IMS-APRM) will provide an excellent worldwide forum for scientific communications and collaborations for researchers in Asia and the Pacific Rim, and promote collaborations between researchers in this area and other parts of the world. The meeting will be held in Melbourne, Australia and please see <http://ims-aprm2021.com/> for details. Firm dates will be announced later.

# **Online Training and Seminars**

## 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 episode links:

* [**Risks and Opportunities of AI in Clinical Drug Development**](https://www.youtube.com/watch?v=PrnKOLGYM2U) with David Madigan and Demissie Alemayehu
* [**Kidney Injury - Biomarkers for Prediction and Prognosis**](https://www.youtube.com/watch?v=87h8d1fhLaE) with Allison Meisner
* [**NHS Digital Health Initiatives**](https://www.youtube.com/watch?v=-Ol87o_CLqk) with Emma Hughes
* [**Data Platforms to Monitor Animal Health**](https://www.youtube.com/watch?v=8uPu-vHahdc) with Shane Burns
* **Bayesian Approaches in Medical Devices**: [**Part 1**](https://www.youtube.com/watch?v=bzso7ou4lAA),[**Part 2**](https://www.youtube.com/watch?v=hmNLnonl8_s),[**Part 3**](https://www.youtube.com/watch?v=VckRF8Ryszw) with Martin Ho and Greg Maislin

You can catch up on all episodes on our YouTube playlists for[**Season 0**](https://www.youtube.com/watch?v=jjmPhEs8yQ8&list=PL39DE7gPXqsffssSVFixw-3ohGrjfDAPG) and[**Season 1**](https://www.youtube.com/watch?v=kQsnOumGP6o&list=PL39DE7gPXqsdNm-F0eDhz0TOystmYIeLt).

**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**

## Assistant Professor in Applied Statistics and Financial Mathematics / Engineering and Computational Mathematics / Applied Optimization and Operations Research / Data Science and Analytics (three posts) (Ref. 22050514)/ Department of Applied Mathematics, The Hong Kong Polytechnic University

The Department of Applied Mathematics (AMA) is part of the Faculty of Applied Science and Textiles. 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, applied statistics, FinTech, data science and machine learning. There are currently 51 academic staff and about 36 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) 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 the Department or his/her delegates.

**Qualifications**

Applicants should have:

(a) have a doctoral degree in Mathematics / Statistics / Financial Mathematics / Operations Research / Computational Mathematics / Applied Mathematics or a closely related field;

(b) have expertise in applied statistics, operation research and 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.

**Remuneration and Conditions of Service**

A highly competitive remuneration package will be offered. Initial appointments will be on a fixed-term gratuity-bearing contract. Re-engagement thereafter is subject to mutual agreement. For general information on terms and conditions for appointment of academic staff in the University, please visit the website at <https://www.polyu.edu.hk/hro/docdrive/careers/doc/Prof.pdf>. Applicants should state their current and expected salary in the application.

**Application**

Please send a completed application form by post, nominate three referees from different institutions/organisations by providing their names, addresses and relationship with the applicants, to **Human Resources Office, 13/F, Li Ka Shing Tower, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong** or via email to hrstaff@polyu.edu.hk. Application forms can be downloaded from <https://www.polyu.edu.hk/hro/careers/guidelines_and_forms/forms>. If a separate curriculum vitae is to be provided, please still complete the application form which will help speed up the recruitment process. **Consideration of applications will commence on 26 May 2022 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/guidelines_and_forms/pics_for_recruitment>.

## Professor in Applied Optimization and Operations Research / Data Science and Analytics (Ref. 22050513)/ Department of Applied Mathematics, The Hong Kong Polytechnic University

The Department of Applied Mathematics (AMA) is part of the Faculty of Applied Science and Textiles. 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, applied statistics, FinTech, data science and machine learning. There are currently 51 academic staff and about 36 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) provide leadership in all aspects of academic activities, including teaching, research and services;

(b) conduct research as the main duty and actively pursue external research grants, such as General Research Fund, as Principal Investigator or Co-Investigator;

(c) provide quality teaching at undergraduate and/or postgraduate level(s) and supervise student projects and theses;

(d) contribute to the development of enhancement of teaching and learning, and departmental service;

(e) carry out academic and administrative duties as required; and

(f) perform any other duties as assigned by the Head of the Department or his/her delegates.

**Qualifications**

Applicants should have:

(a) a doctoral degree in Operations Research / Computational Mathematics / Applied Mathematics or a closely related field with experience in Data Science and Analytics;

(b) demonstrated promise of a high level of creativity in research and an excellent portfolio of teaching in respective areas;

(c) substantial experience in academic programme planning, management and curriculum development;

(d) excellent records of publications in internationally recognized journals and successful bidding of external competitive research grants;

(e) extensive local and international connections in research and professional capacities; and

(f) excellent communication skills and the ability to use English as the medium of instruction.

**Remuneration and Conditions of Service**

A highly competitive remuneration package will be offered. An appropriate term will be provided for appointment at Professor level. For general information on terms and conditions for appointment of academic staff in the University, please visit the website at <https://www.polyu.edu.hk/hro/docdrive/careers/doc/Prof.pdf>. Applicants should state their current and expected salary in the application.

**Application**

Please send a completed application form by post, nominate three referees from different institutions/organisations by providing their names, addresses and relationship with the applicants, to **Human Resources Office, 13/F, Li Ka Shing Tower, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong** or via email to hrstaff@polyu.edu.hk. Application forms can be downloaded from <https://www.polyu.edu.hk/hro/careers/guidelines_and_forms/forms>. If a separate curriculum vitae is to be provided, please still complete the application form which will help speed up the recruitment process. **Consideration of applications will commence on 26 May 2022 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/guidelines_and_forms/pics_for_recruitment>.

## Research Assistant Professor in Applied Statistics and Financial Mathematics / Engineering and Computational Mathematics / Applied Optimization and Operations Research / Data Science and Analytics (two posts) (Ref. 22032819), Department of Applied Mathematics, The Hong Kong Polytechnic University

The Department of Applied Mathematics (AMA) is part of the Faculty of Applied Science and Textiles. The Department offers Bachelor Scheme of Data Science and Data Science and Analytics, 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. There are currently 51 academic staff and about 36 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) have demonstrated promise of a high level of creativity in research and teaching in some subdivisions of his/her field;

(c) be able to demonstrate effective classroom teaching; and

(d) be highly proficient in written and spoken English.

**Remuneration and 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 three years initially, with possibility of extension for another three years. Applicants should state their current and expected salary in the application.

**Application**

Please send a completed application form by post, nominate two referees from different institutions/organisations by providing their names, addresses and relationship with the applicants, to **Human Resources Office, 13/F, Li Ka Shing Tower, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong** or via email to hrstaff@polyu.edu.hk. Application forms can be downloaded from <https://www.polyu.edu.hk/hro/careers/guidelines_and_forms/forms>. If a separate curriculum vitae is to be provided, please still complete the application form which will help speed up the recruitment process. **Consideration of applications will commence on 19 April 2022 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/guidelines_and_forms/pics_for_recruitment>.

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