



香港大學

THE UNIVERSITY OF HONG KONG

Founded in 1911, the University of Hong Kong is committed to the highest international standards of excellence in teaching and research, and has been at the international forefront of academic scholarship for many years. The University has a comprehensive range of study programmes and research disciplines spread across 10 faculties and over 140 academic departments and institutes/centres. There are 28,000 undergraduate and postgraduate students who are recruited globally, and more than 2,000 members of academic and academic-related staff coming from multi-cultural backgrounds, many of whom are internationally renowned.

**Tenure-track Associate Professor/Assistant Professor
in the Research Division of Mathematical and Statistical Science,
Faculty of Science (3 posts)
(Ref: 201800940)**

The Faculty of Science will be 80 years old in 2019 and to celebrate this anniversary we are recruiting a cohort of 80th Anniversary professors. This is an unprecedented expansion focused on realizing the Faculty's vision to be pre-eminent in Hong Kong, leading in Asia and highly competitive globally. We are aiming to expand by about 20% over the next year. The first round of hiring has been very successful and we are recruiting 10 more posts in this second round.

The Faculty of Science is one of the larger faculties in HKU with about 130 academic staff in five departments (Chemistry, Earth Sciences, Mathematics, Physics, and Statistics and Actuarial Science) and one school (Biological Sciences) as well as an off-site marine facility, The Swire Institute of Marine Science (SWIMS). The Faculty provides a supportive and friendly environment and is embarking on a programme of recruitment to invest in areas of acknowledged strength and to invest in areas of internationally competitive activity. Information about the Faculty can be obtained at <http://www.scifac.hku.hk/>. In addition, the Faculty is committed to gender equality and positively welcomes applications from women as well as men. The Faculty will also be happy to consider applications from individuals with their own funding who wish to explore proleptic positions.

To better support research, the Faculty has established a new research division structure and there are six new research divisions:

- Chemistry
- Earth and Planetary Science
- Ecology and Biodiversity
- Mathematical and Statistical Science
- Molecular and Cell Biology
- Physics and Astronomy

The Research Division of Mathematical and Statistical Science covers Pure and Applied Mathematics, Statistics and Actuarial Science. It has strengths in geometry, number theory, optimisation, stochastic analysis and biostatistics with key expertise in complex and algebraic geometry, Lie theory, automorphic form, combinatorial and continuous optimization, actuarial science, time series, survival analysis. We plan to recruit 3-5 new staff in the following areas:

- (a) number theory (including representation theory, arithmetic/algebraic geometry)
- (b) topological data analysis and related areas (including scientific computing)
- (c) big data in environment, society and public health (joint with the Faculty of Business and Economics, please see <http://jobs.hku.hk/jd.php?id=201800334>*)
- (d) bioinformatics (joint with Li Ka Shing Faculty of Medicine, please see <http://jobs.hku.hk/jd.php?id=201800751>*)
- (e) actuarial science (focusing on extreme theory, optimal insurance or applied probability)

* These posts have been advertised previously but remain open, see link for application.

Applications are invited for tenure-track appointments as Associate Professor/Assistant Professor in the Research Division of Mathematical and Statistical Science in the Faculty of Science (for the 3 posts in (a), (b) and (e)), to commence on or before September 30, 2019. The posts will initially be made on a three-year fixed-term basis with the possibility of renewal and with consideration for tenure before the expiry of a second three-year appointment.

Applicants should possess a Ph.D. degree in Mathematics or Statistical Science. They should have research interests that align with or are complementary to one of the identified areas of recruitment in the Research Division. Appointees will have a lighter teaching load during the first contract. The teaching duties will be assigned by the Head of Department of the relevant department that an appointee will join upon appointment.

Annual salaries will be in the following ranges (subject to review from time to time at the entire discretion of the University):

Associate Professor	:	HK\$864,480 – 1,373,880
Assistant Professor	:	HK\$683,280 – 1,018,260

(approximately US\$1 = HK\$7.8)

A globally competitive remuneration package commensurate with the appointee's qualifications and experience will be offered. At current rates, salaries tax does not exceed 15% of gross income. The appointment will attract a contract-end gratuity and University contribution to a retirement benefits scheme, totaling up to 15% of basic salary, as well as leave, and medical benefits. Housing benefits will be provided as applicable.

Applicants should submit a cover letter, a completed application form, together with an up-to-date C.V., which should include hyperlinks to google scholar profiles and ORCID, a detailed publication list since 2014 with journal impact factor and citations indicated for each publication, a research proposal and a teaching statement to:

<https://web.science.hku.hk/job/201800940.html> (for posts (a), (b) and (e))

Applicants will also be required to arrange 3 reference letters under confidential cover. It is important to note that at least one of the referees should be able to comment, amongst other things, on the applicant's research ability and his/her contribution to teaching or research in his/her department, while the remaining two should have knowledge of his/her recent academic or employment experience. Referees should submit their reference letters to https://web.science.hku.hk/job/201800940_ref.html. Application form (341/1111) can be downloaded at <http://www.hku.hk/apptunit/form-ext.doc>. Enquiries about the various posts should be sent to Head, Department of Mathematics (e-mail: ntw@maths.hku.hk), or Head, Department of Statistics & Actuarial Science (e-mail: gyin@hku.hk).

Further particulars can be obtained at <http://jobs.hku.hk/>. **Closes November 15, 2018**. Interviews are expected to be held from January 7 to 11, 2019.

The University thanks applicants for their interest, but advises that only candidates shortlisted for interviews will be notified of the application result.

The University is an equal opportunities employer and is committed to equality, ethics, inclusivity, diversity and transparency; and is committed to a Non-smoking Policy