

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 (several posts)
(Ref.: 201701228)**

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 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) and 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 is looking to promote women in science as such the Faculty will particularly welcome applications from women who are currently underrepresented at these levels. 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 theory, stochastic analysis and biostatistics with key expertise in actuarial science, time series, survival analysis, complex geometry, analytic number theory and optimisation. We plan to build on these by recruiting in:

- big data analytics and computational mathematics
- biostatistics and Bayesian statistics (in collaboration with the Big Data Cluster)
- number theory ([all areas in MSC 2010 11 Number Theory](#))
- optimisation theory

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, to commence on or before September 30, 2018. 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. Full version of this advertisement can be found at <http://jobs.hku.hk/jd.php?id=201701228>.

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\$847,500 – 1,346,940
Assistant Professor	:	HK\$645,900 – 998,280

(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 statement on teaching philosophy to

<https://web.science.hku.hk/job/201701228.html>

Application form (341/1111) can be downloaded at <http://www.hku.hk/apptunit/form-ext.doc>. Enquiries about the posts should be sent to Head, Department of Mathematics (email: ntw@maths.hku.hk), or Head, Department of Statistics & Actuarial Science (email: gyin@hku.hk).

Further particulars can be obtained at <http://jobs.hku.hk/>. **Closes December 31, 2017.** Interviews for the positions are expected to be held from March 5 to 9, 2018.

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