

Nanyang Assistant Professor
Nanyang Technological University

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Posted Apr. 2, 2025, set to expire Aug. 2, 2025

Job Title	Nanyang Assistant Professor
Department	School of Chemistry, Chemical Engineering and Biotechnology
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Apr. 2, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Chemical/Petroleum Bioengineering (all Bio-related fields) Engineering - Other
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/School-of-Chemistry-Chemical-Engineering-and-Biotechnology-CCEB/Nanyang-Assistant-Professor_R00020271
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/Careers/job/School-of-Chemistry-Chemical-Engineering-and-Biotechnology-CCEB/Nanyang-Assistant-Professor_R00020271
Apply By Email	
Job Description	

Young and research-intensive, Nanyang Technological University (NTU Singapore) is ranked among

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the world's best young universities.

The School of Chemistry, Chemical Engineering and Biotechnology NTU provides a multidisciplinary academic program that provides students with a wide-ranging and up-to-date education. Details of the Division can be found at <https://www.ntu.edu.sg/cceb>.

The School of Chemistry, Chemical Engineering and Biotechnology seeks a diverse and inclusive workforce and is committed to equality of opportunity. We welcome applications from all and recruit on the basis of merit, regardless of age, race, gender, religion, marital status and family responsibilities, or disability.

The candidates are expected to:

- Establish an independent, world-class research program,
- Enhance the School's visibility as an international leader in education and research
- Teach undergraduate and graduate courses
- Actively collaborate with NTU faculty and researchers

Responsibilities:

- Conduct original high-quality research in single-cell analysis, including but not limited to single-cell metabolomics and transcriptomics, single-cell microscopy, *in situ* sequencing, artificial intelligence (AI)/machine learning (ML) based bioimaging processing, molecular biophysics, single molecule spectroscopy, computational biology and bioinformatics, biostatistics, and systems biology.
- Publish high quality papers at reputable peer-reviewed journals and conference proceedings.
- Give invited talks at international conferences, securing competitive research grants, and supervising research personnel.
- Contribute to teaching and course development at the undergraduate and postgraduate levels.
- Supervise undergraduate and graduate students undertaking research projects.
- Undertake administrative and/or leadership roles.
- Contribute to other service-related activities assigned by School and University.

Requirements:

- PhD in Biomedical Engineering or a related discipline, with post-doctoral research experiences.
- Strong record of research and relevant publications in reputable peer-reviewed international journals
- Demonstrated the ability to obtain extramural funding

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- A good track record of supervising research staff, postdocs, students, and interns in relevant fields
- Experienced in cross-disciplinary research initiatives and collaboration

All applications and materials submitted will be held in strict confidence.

Closing Date:

This position will remain open until filled.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Ng Soke San
School of Chemistry, Chemical Engineering and
Biotechnology
Nanyang Technological University
Singapore
Singapore

Contact E-mail ngss@ntu.edu.sg