

Assistant Professor (Tenure-track) in Digital
Bioengineering
Nanyang Technological University

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Posted Jul. 24, 2024, set to expire May 6, 2025

Job Title	Assistant Professor (Tenure-track) in Digital Bioengineering
Department	School of Chemistry, Chemical Engineering and Biotechnology
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Jul. 24, 2024
Application Deadline	Oct. 31, 2024
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Computer/Information Sciences Biology - Biostatistics Biology - General
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Job Description

Young and research intensive, Nanyang Technological University (NTU Singapore) is ranked among the world's top universities.

The **School of Chemistry, Chemical Engineering and Biotechnology (CCEB)** is a new

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interdisciplinary school formed by integrating the School of Chemical and Biomedical Engineering (SCBE) from College of Engineering and the Division of Chemistry and Biological Chemistry (CBC) from College of Science. CCEB faculty members conduct cutting-edge research in diverse areas of chemistry, chemical engineering, food science, bioengineering, biotechnology, and other fields.

We invite outstanding candidates to apply for a tenure track faculty position at the Assistant Professor level with a research focus in the area of Digital Bioengineering. Applicants should have a well-defined research vision and an outstanding track record of publications in top journals. Successful candidates are expected to develop innovative, internationally visible, and extramurally funded research programs. We are also seeking candidates with outstanding capacity to teach related topics at the undergraduate and graduate levels, including mentoring and supervision of undergraduate and graduate students. Some school and university services will be expected of the successful candidates.

CCEB seeks a diverse and inclusive workforce and are committed to equality of opportunity. Applicants, irrespective of age, race, gender, religion, marital status and family responsibilities, or disability, are encouraged to apply. Our recruitment process is entirely merit-based.

Requirements

This opening at the Assistant Professor level is seeking highly motivated candidates with expertise and a proven track record in fields related to biomedical data science. The successful candidate will be expected to develop an internationally visible research program innovating and applying computational and artificial intelligence (AI) methods to addressing fundamental and translational challenges in biomedical engineering. The research areas of interest include but are not limited to computational and systems biology, omics technologies, bioinformatics, biostatistics, AI for therapeutics design, and other relevant disciplines. Special consideration will be given to candidates that have a well-defined research vision to translate their data driven analytic approaches into diagnostic and therapeutic solutions for major human diseases. We are also seeking candidates with outstanding capacity to teach related topics at the undergraduate and graduate levels, including mentoring and supervision of undergraduate and graduate students.

Emoluments

The commencing salary will depend on the candidates' qualifications, experience, and the level of appointment offered.

Application Procedure

Interested applicants are invited to submit their applications, including (1) A cover letter and detailed

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CV, (2) Statement of aspiration in research (up to 5 pages including figures but excluding references), (3) Statement of aspiration in teaching (up to 2 pages), (4) Three selected publications, (5) Three names and contact information of the referees, through the NTU career portal.

Please submit the full set of documents as outlined above.

All applications and enquiries should be addressed to: Prof Chen Peng **Digital Bioengineering**
Search Committee Chair

The closing date for applications is **31 October 2024**. Only shortlisted candidates will be notified.

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