

Research Fellow
(Microbiology/Bioinformatics/Computational biology)
Nanyang Technological University

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Posted Nov. 7, 2025, set to expire May 6, 2026

Job Title	Research Fellow (Microbiology/Bioinformatics/Computational biology)
Department	School of Civil and Environmental Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Nov. 7, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Ecological and Environmental Civil Engineering Engineering - Other
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Microbiology-Bioinformatics-Computational-biology-_R00022493
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Job Description	

The School of Civil and Environmental Engineering (CEE) at Nanyang Technological University (NTU),

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Singapore, is a leading school for Sustainable Built Environment. The School plays an integral role in spearheading tertiary education, advancing research innovations and providing professional services in a number of key disciplines in Civil and Environmental Engineering and Maritime Studies fields, with the objective of contributing to the technological and economic advancement of Singapore and beyond. The School's mission in research is to achieve excellence by providing a conducive and intellectually stimulating environment to enable high quality work in strategic directions that are of significant impact to industry, science and technology.

For more details, please view [School of Civil and Environmental Engineering | NTU Singapore](#)

Yin's lab led by Asst/Prof YIN Xiaole focuses on understanding the environment-microbe-human complex interactions. Yin's lab is looking for a highly motivated Research Fellow (RF) with an interest in computational biology. The RF will work on a project aiming to understand how to predict the microbial community under environmental pressure and use the insights to develop approaches for intervention.

Key Responsibilities:

The roles of this position include:

- Rigorous study design.
- Perform in-depth, critical data analyses.
- Effectively communicate through presentations and high-quality journal publications.
- Assist in supervising research students in the group.

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Job Requirements:

- PhD in microbiology, bioinformatics, computational biology or a related field.
- Experience on python, linux and HPC.
- A strong interest in interdisciplinary research.
- Excellent interpersonal skills to work effectively with group members and collaborators.
- Good oral and written communication skills in English - essential for data analysis and communication with stakeholders
- Demonstrated ability to work efficiently and with minimum supervision.

We regret to inform that 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

Singapore