

Applications Now Open: NTU AI-for-X Postdoctoral Fellowship 2026 - Advancing AI for STEM Discovery

The **Nanyang Technological University, Singapore (NTU)**, in partnership with Singapore's **National Research Foundation (NRF)**, is pleased to invite applications for the **NTU AI-for-X Postdoctoral Fellowship (AI4X-PDF) 2026**.

This prestigious new scheme supports outstanding early-career researchers who wish to apply **Artificial Intelligence (AI) to accelerate scientific discovery** in any domain of science, technology, engineering, and mathematics including medicine (STEM). The NTU AI4X-PDF seeks to nurture the next generation of interdisciplinary research leaders who will drive breakthroughs at the convergence of AI and scientific research while strengthening Singapore's AI-for-Science ecosystem.

Why Apply

NTU Singapore is a globally leading research-intensive university at the forefront of Artificial Intelligence and interdisciplinary scientific research. Supported by world-class faculty, cutting-edge AI infrastructure, and a highly collaborative research environment, NTU offers an exceptional platform for researchers seeking to translate AI innovations into scientific breakthroughs. Reflecting these strengths, NTU was ranked **2nd globally in Artificial Intelligence** in the **2026–27 U.S. News Best Global Universities Rankings by Subject**, **4th globally and 2nd in Asia for Data Science & Artificial Intelligence** in the **2027 QS World University Rankings by Subject**, and **12th globally** in the **QS World University Rankings 2027**.

Home to a vibrant international research community, NTU provides an outstanding environment for early-career researchers, combining world-class faculty, state-of-the-art research infrastructure, and a highly collaborative, interdisciplinary culture. Fellows will have the opportunity to work alongside leading experts in AI and diverse STEM disciplines, with access to cutting-edge computing resources and strong institutional support for high-impact research.

The NTU AI4X-PDF is more than a fellowship—it is a launchpad for future scientific leaders driving AI-powered innovation. Fellows will become part of a dynamic and collaborative research ecosystem, benefit from deep mentorship, and access cutting-edge AI tools and resources. This fellowship provides a powerful foundation to **build an impactful research portfolio, strengthen your academic trajectory, and accelerate your path toward tenure-track or equivalent positions** in top global institutions.

Key Features

- Up to **4 years of funding**
 - **Competitive remuneration** and benefits
 - **SGD 250,000 research grant**
 - Continued funding if transitioning to a **tenure-track** or equivalent role during the award period
 - Access to **NTU's AI platforms**, research facilities, and computing resources
 - Structured **AI training** and mentorship from NTU faculty across AI and STEM disciplines
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Eligibility

Applicants must meet the following criteria:

- PhD (or equivalent) conferred in **2023 or later** in any STEM field
- Strong academic and research record
- A compelling research proposal that clearly **integrates AI to solve a scientific problem**
- Must identify an **NTU faculty member** as a Project Mentor
- Available to **commence the fellowship by 31 March 2027**

Each selected Fellow will be paired with:

- A **Project Mentor** in their research field
 - An **AI Mentor** (assigned or selected post-award) to support AI integration
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Application Process

Applications must be submitted in electronic format via [NTU Online Application Portal](#).

Submission Deadline: 30 Oct 2026, 2359hr (Singapore Time, UTC/GMT+8).

Required Documents:

- **Cover letter**
- **Comprehensive CV** (including full publication list)
- **Official PhD transcript or certificate** (in English)

- **Research proposal** (maximum 2 pages)
 - **Top 3 publications** (in PDF format)
 - **Letter of support from the NTU Project Mentor**
(Attach the mentor letter together with the research proposal as a single file)
 - **Contact details of 2 referees**, one of whom must be the PhD supervisor
 - Any **other supporting documents** (if applicable)
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Online Briefing Sessions

Prospective applicants are invited to join an online briefing session to learn more about the **NTU AI-for-X Postdoctoral Fellowship (AI4X-PDF)** and the application process.

The briefing will provide an overview of the fellowship, including its objectives, research opportunities, eligibility requirements, funding and benefits, application process, and selection timeline. There will also be an opportunity for participants to ask questions during the session.

Four briefing sessions will be offered to accommodate researchers across different time zones. **Applicants may register for and attend any one of the sessions:**

Date	Time (Singapore Time)	Registration
Tuesday, 1 September 2026	10:00 – 11:00 AM	Register
Wednesday, 2 September 2026	2:00 – 3:00 PM	Register
Thursday, 1 October 2026	10:00 – 11:00 AM	Register
Friday, 2 October 2026	2:00 – 3:00 PM	Register

Registration is required. Please register for your preferred session using the links above. The **Microsoft Teams meeting link will be provided in the registration confirmation** upon successful registration.

We encourage prospective applicants to join a briefing session to gain a better understanding of the fellowship and the application requirements before submitting their applications.

Contact

For enquiries, please contact:

 **FA-RSO@ntu.edu.sg**

We warmly welcome outstanding researchers from around the world to join NTU and contribute to the next generation of AI-enabled scientific discovery.