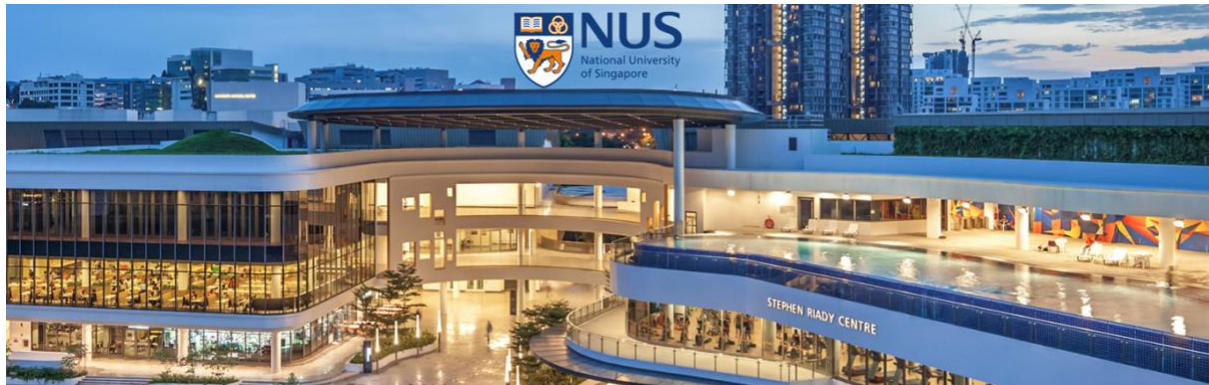


## Openings for PhD & Postdoc & Research Assistant in NUS



Dr. Yueming JIN's lab from **NUS BME&ECE** has multiple openings for **PhD students, postdoctoral fellows, research assistants, interns, visitors**, etc. We are dedicated to the interdisciplinary research of **artificial intelligence, surgical vision, medical data analysis**. We are always looking at the talented applicants to join the lab!

### Who we are

National University of Singapore (NUS) is an internationally renowned research university. 2025/26, NUS ranks 17th in the Times Higher Education World University Rankings, and 8th in the QS World University Rankings.

Dr. Yueming JIN is the Tenure-track Assistant Professor in NUS BME & ECE. Before that, she is a senior research fellow at the Department of Computer Science at University College London (UCL). She has received her Ph.D. degree in the Department of Computer Science and Engineering from The Chinese University of Hong Kong (CUHK) in 2019. She obtained Hong Kong PhD Fellowship in 2015. She is listed at *Forbes 30 Under 30 Asia*, Class 2024. She is also listed in *World's Top 2% Scientists by Stanford University* (consecutive since 2023).

She received several premium awards including IJCARS-MICCAI 2021 Best Paper Award, AAAI 2025 Most Influence Paper, IEEE TBME Featuring Paper 2025, MedIA-MICCAI 2017 Best Paper Award, IEEE ICRA 2021 Best Paper Award in Medical Robotics, MICCAI 2020 NIH Award. She also led team winning four international grand challenges about robotic surgical data science. She has published 50+ papers in top-tier conferences and high impact journals in this area, including IEEE-TMI, MedIA, Nature Communication, Science Bulletin, NeurIPS, ICML, ICCV, ECCV, MICCAI, ICRA, IROS, etc. She serves as Program Chair of IPCAI 2026, MIDL 2026, Area Chair of MICCAI 2023-2025, Associate Editor of MELBA, Editorial Board Member of npj Digital Surgery. Her current Google Scholar citation reaches 6000+ with h-index 36.

### Recent research areas

- Learning with multi-modality signals, such as
  - Video, language and kinematics in surgery;
  - Image, language, tabular and genomics data in general medicine;
- Large medical foundation models
  - Enhancing reasoning capability in MLLM

- How to establish multi-agent system for healthcare;
- How to leverage them for medical data analysis with data/annotation efficient learning;
- Smart agent for surgical metaverse and robotics
  - 3D reconstruction and deformation modelling, video generation
  - Video-language-action learning

## Opening details

### 1. PhD student

- **Multiple openings**, every semester. Looking for students w/ admission in **2026 Fall** now Full Ph.D. scholarships available (tuition fee included) in the lab.  
For excellent students, I will be happy to nominate/endorse you to apply for [President's Graduate Fellowship](#), [AISG PhD Fellowship](#), and scholarships provided by other agencies, such as [A\\*STAR Graduate Scholarship](#), [A\\*STAR Computing & Information Science \(ACIS\) Scholarship](#), etc.
- **Stand out yourself for PhD positions**
  - Strong self-motivation and curiosity
  - Have published first-author papers in top-tier journal and conference (preferred but limited to CV, ML, medical AI)
  - Strong learning capability, such as top xx%, ranking xx out of xx, in your undergraduate study; any world-class/national awards.
  - Good programming capability and proficient in English reading/writing (requirements made by school: TOEFL/IELTS)
- **How to apply**
  - Please send your CV (grade, ranking, research experience included), undergraduate transcripts, papers, 1 page research statement to show what you want to pursue during your PhD, and other supporting materials (such as slides to show your research experience), to [jinlab.joinus@gmail.com](mailto:jinlab.joinus@gmail.com). Email subject can be 'PhD Application - Your School – Name'.
  - In addition, please fill out this brief Google Form in case I miss your case: <https://forms.gle/fBDxYdz8tEKzJvbj8>
  - If it is a good match after I read your materials, I will contact you and encourage you to apply [online](#). Tips: Apply for PhD instead of EngD; Source of Finance: NUS research scholarship or others if you have own source; select me as your proposed supervisor
  - Note: if you are Singaporean/PR, or if you are okay with 3 years service obligation i.e. working at Singapore after graduation, say Postdoc in our lab or FTE at local companies, the admission bar could be slightly lower.

More details:

<https://cde.nus.edu.sg/graduate/graduate-programmes-by-research/>

### 2. Postdoc

- There are **1-2 intakes** available in the lab

- The competitive salary (~5750 SGD per month) is provided with NUS benefits, which can be discussed if you are exceptionally excellent.
  - Apart from publishing the high-impact research work, parts of your job are to mentor junior students and contribute to grant application, in which your mentorship and skills for writing proposal shall be developed.
  - I will help you broaden networks via establishing collaborations with experts, engaging in workshop/challenge organization.
- **Stand out yourself for Postdoc positions**
    - Good publication record and research experience in AI for surgical vision, medical image analysis
    - Collaboration experience with clinicians and surgeons
    - Duration is generally 2 years, and at least 1 year if you are exceptionally excellent
  - **How to apply**
    - Please send your CV (educational and research experience included), papers, 1-2 page research statement to show what you want to pursue during your Postdoc (preferred), and other supporting materials (such as slides to show your research experience), to [jinlab.joinus@gmail.com](mailto:jinlab.joinus@gmail.com). Email subject can be 'Postdoc - Your School – Name'.
    - In addition, please fill out this brief Google Form in case I miss your case: <https://forms.gle/pbHGdtx4pSEUXQAKA>

Other research positions such as **visiting PhD students, internship and research assistant** are also available.

- Please refer to the above PhD section to see how to apply
- Note for internship:
  - If you are **NUS BS/MS/FYP student**, please register research courses to ensure your commitment, and typically no fundings
  - If you are **external BS/MS student**, I may offer such opportunity if you are exceptionally excellent and willing to pursue PhD with us in the future

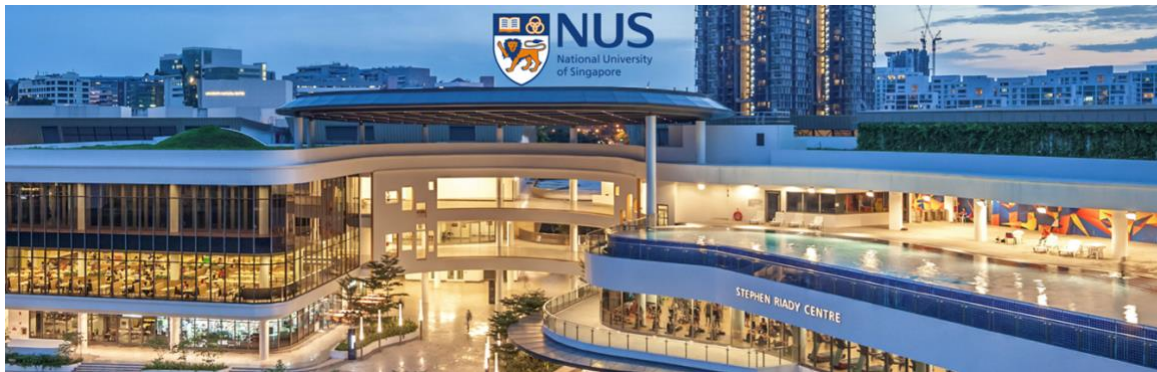
Due to the high volume of emails I receive, it is regrettable that I may not be able to respond to all applicants. Please understand that this limitation does not reflect your qualifications or potential. Shortlisted candidates will be noticed.

#### **More details:**

Webpage: <https://yuemingjin.github.io/>

Google Scholar: [https://scholar.google.com/citations?user=s\\_kbB4oAAAAJ&hl=en](https://scholar.google.com/citations?user=s_kbB4oAAAAJ&hl=en)

## 新加坡 NUS 金玥明老师课题组招收 AI/Healthcare 方向博士后/博士生/暑期实习生



### 学校简介:

新加坡国立大学 (National University of Singapore), 简称国大 (NUS), 是亚洲顶尖、国际知名的研究型大学。2025/26 年, 新加坡国大在 QS 世界大学排名为世界第 8 名, 泰晤士高等教育世界大学排名为世界第 17 名。

### 导师简介:

金玥明博士目前在新加坡国立大学 Department of BME 和 Department of ECE 任助理教授。之前于伦敦大学学院 UCL 计算机科学学系-Prof. Danail Stoyanov 实验室 WEISS 从事博士后研究, 于香港中文大学 Department of CSE 获得博士学位, 师从 Prof. Pheng-Ann Heng 和 Prof. Chi-Wing Fu, 她被列入福布斯亚洲 30 岁以下精英榜单。

她的研究方向为机器学习及其在医疗领域的应用, 主要集中在手术机器人视觉感知和医学影像分析。在 IEEE-TMI, MedIA, NeurIPS, ICML, ICCV, ECCV, MICCAI, AAAI, ICRA, Radiology, Nature Communication, Science Bulletin 等医学影像分析, 人工智能, 计算机视觉, 机器人等相关顶级会议和期刊发表论文 50 余篇, 谷歌引用 6000 余次。曾获 IJCARS-MICCAI 2021 Best Paper Award, AAAI 2024 Most Influence Paper, MedIA-MICCAI 2017 Best Paper Award, IEEE ICRA 2021 Best Paper Award in Medical Robotics, MICCAI 2020 NIH Award, HKPFS 等。担任多个顶级会议和期刊审稿人, 担任 IPCAI 2026, MIDL 2026 Program Chair, MICCAI 2023-25 Area Chair, MICCAI24-25, ICRA21 Oral Session Chair, 参与组织 AAAI 2025-26, IJCAI 2024, ICLR 2023, MICCAI 2022-25 Workshop 及竞赛, 曾带领团队参与过许多医学图像处理国际竞赛并获得多个冠军。

个人主页: <https://yuemingjin.github.io/>

Google Scholar: [https://scholar.google.com/citations?user=s\\_kbB4oAAAAJ&hl=en](https://scholar.google.com/citations?user=s_kbB4oAAAAJ&hl=en)

### 实验室当前具体研究方向:

- Learning with multi-modality signals, such as
  - Video, language and kinematics in surgery;
  - Image, language, tabular and genomics data in general medicine;
- Large medical foundation models
  - Enhancing reasoning capability in MLLM
  - How to establish multi-agent system for healthcare;
  - How to leverage them for medical data analysis with data/annotation efficient learning;
- Smart agent for surgical metaverse and robotics

- 3D reconstruction and deformation modelling, video generation
- Video-language-action learning

#### 招生信息:

实验室最近有一些博士后 **Postdoc** 名额, 并在积极招收 **2026 Fall PhD**。同时, 实验室常年招收全奖 PhD 以及研究助理 RA。欢迎对人工智能,医学影像处理,手术机器人智能,3D 视觉的研究感兴趣的同学申请。

- 博士后薪资非常具有竞争力, 原则上一人一事一议。目前名额方向聚焦于 1) Vision-language multi-modality learning; 2) 2D/3D image generation; 3) Embodied AI for robotic surgery intelligence

- 博士生提供 NUSRS 全额奖学金, 或者由项目支持, 优秀的同学会帮助提名申请 President's Graduate Fellowship (校长奖学金) 以及 AISG PhD Fellowship 等。更多信息请参考: <https://cde.nus.edu.sg/graduate/graduate-programmes-by-research/>

- 如果已有一定科研经历, 并且对于课题组研究方向感兴趣, 欢迎来申请 PhD/Postdoc, 一起推动人工智能医疗的交叉研究。对于有强烈科研意愿 (在 gap 有意向读 PhD) 的同学, 也欢迎来申请 RA/Intern 提早在科研领域里快速成长, 并且这里提供薪资支持, 任职期满有机会继续在 NUS 攻读 PhD, 或推荐至其他国际一流学府深造, 名额有限希望及早申请。

#### 招生要求:

1. 热爱科研, 对于科研有很强的自我驱动力, 和良好的自学能力。
2. 有扎实的数学和编程基础, 较强英语阅读、写作和沟通能力。
3. 有相关领域的研究经历, 发表过论文者优先。
4. 成绩优秀或获得过国际/国家奖项者优先。

感兴趣的同学欢迎发送你的 CV 和 1-2 页 research statement 到 [jinlab.joinus@gmail.com](mailto:jinlab.joinus@gmail.com), 也欢迎附加补充材料比如展示科研经历的 PPT。