

# Top Labs. Top Minds. Global Impact.

A\*STAR  
International  
Fellowship (AIF)



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more info

**Han Shui'Er**  
AIF Recipient, 2019



**Dong Bo Wei**  
AIF Recipient, 2021



**Hannah Yong**  
AIF Recipient, 2017





# Home Ground for the Best-in-Industry

**Science. It's at the heart of everything we do.** At the Agency for Science, Technology and Research (A\*STAR), we are focused on pushing boundaries to develop Singapore's scientific capabilities and ecosystem, as well as nurture the next generation of scientific leaders.

Home to a vibrant ecosystem, leverage A\*STAR's resources and support to turn your research into industry-ready solutions.

At A\*STAR Graduate Academy (A\*GA), we believe that diversity fuels innovation and interdisciplinary research. With an opportunity to study and conduct research at top universities in Singapore and abroad, be a part of a community of curious minds dedicated to overcoming the challenges of tomorrow's science and research landscape.



## One Scholarship. Endless Possibilities.

We understand your passion can sometimes bring you to the most interesting places. From spearheading research breakthroughs to founding your own startup, an A\*STAR scholarship gives you the freedom and support to follow your passion, wherever it may take you.



## Your Growth Comes First, Always.

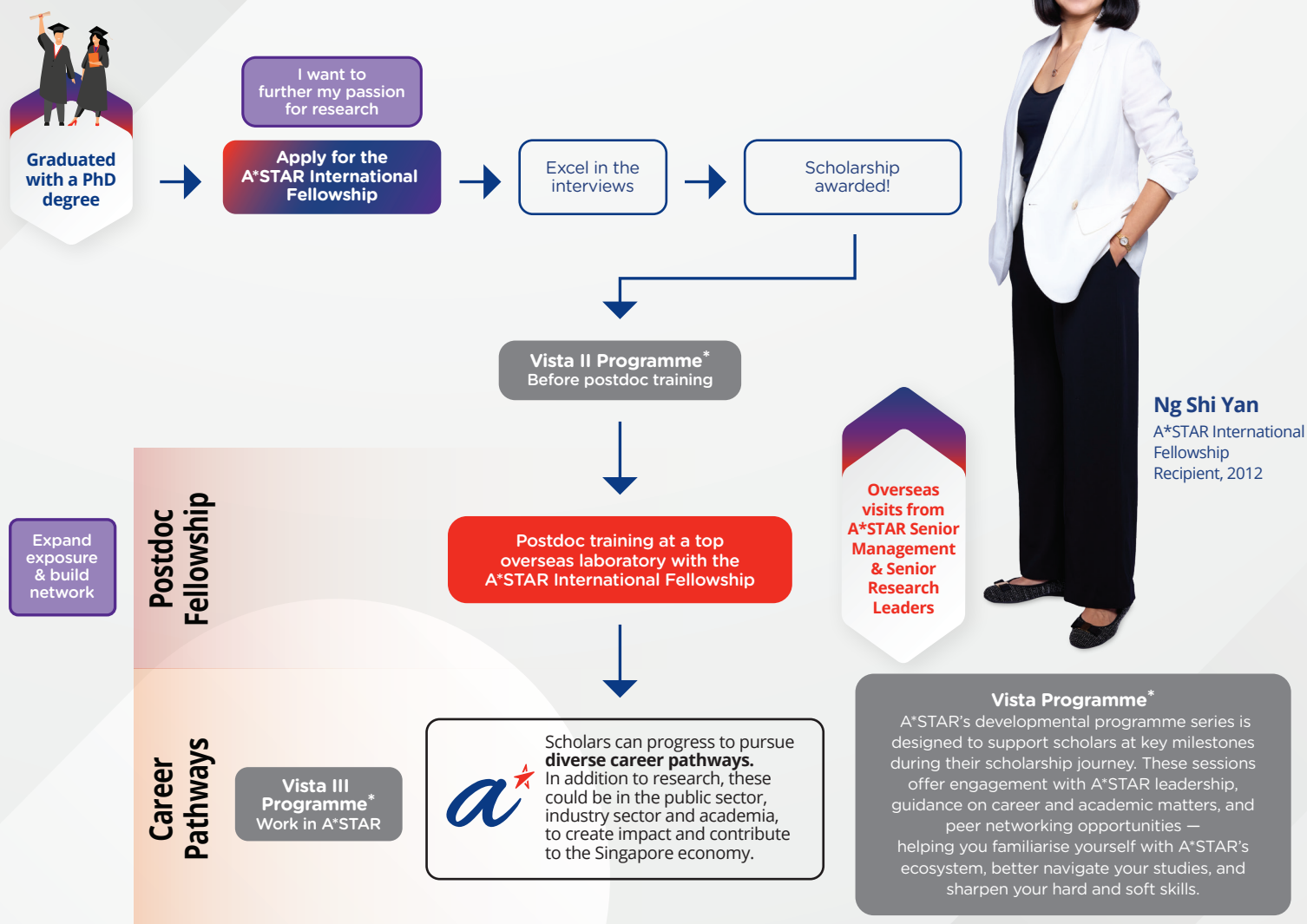
Start your journey of transformation with A\*STAR, where your personal and professional development takes the fore. Tap into a network of the most exceptional minds in the industry, and gain valuable insights from their mentorship as you partner with leading labs around the globe. More importantly, build and create connections for collaborations, as you explore new frontiers of science.

Our scholars at over 17 A\*STAR research entities benefit from cross-disciplinary and multi-sectoral research opportunities, facilitating diverse career pathways in science, engineering, academia, technopreneurship, and industry. With access to state-of-the-art labs and collaboration with A\*STAR's global talent pool of over 4,000 professionals from over 60 countries, scholars leverage diverse perspectives and best practices in research and development.

Through extensive outreach programmes and collaborations with international institutions, the A\*STAR Graduate Academy (A\*GA) actively fosters a vibrant and inclusive community, offering invaluable global exposure.

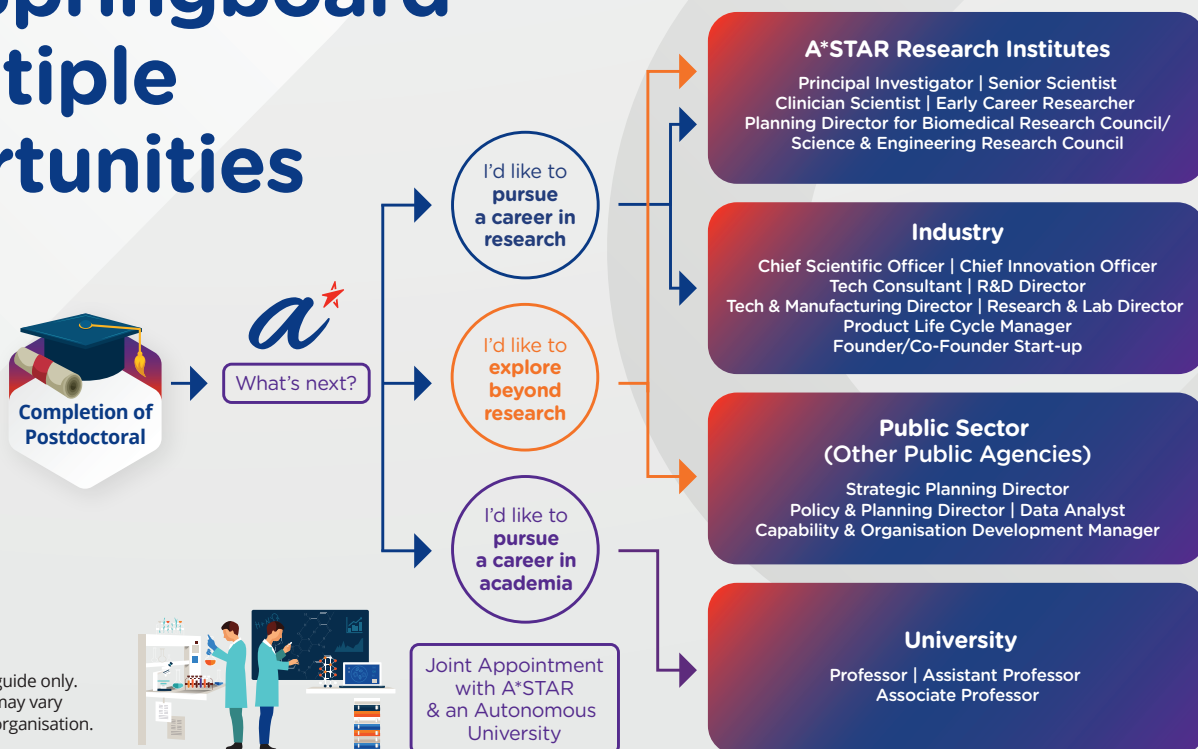


# Your Scholarship Journey



# Your Springboard to Multiple Opportunities

Career progression isn't always linear. Here's a combination of various pathways for you to choose from.



Note: Designations serve as a guide only. Actual positions and job titles may vary depending on the industry or organisation.



# Crossing Borders. Creating Opportunities.



**Gain depth and breadth of technical skills**



**Conduct interdisciplinary research with A\*STAR**



**Pursue independent research opportunities**



**Expand your professional network**

Take your research to the next level with the **A\*STAR International Fellowship**. Gain insights from leading experts in the global research community, and build an international network for opportunities to collaborate with some of the most exceptional minds in the industry.

## Scholarship Facts



## How to Apply

**1**

- Consider a postdoctoral position at a top university of your choice.\*
- Apply for the A\*STAR International Fellowship while waiting for the university/laboratory's acceptance results.

\*University subject to A\*STAR's approval.

**2**

Shortlisted applicants will be invited for two rounds of interviews.

**3**

Successful applicants will be given an offer, dependent on the university/laboratory's acceptance results and A\*STAR's approval.

**4**

Awarded individuals will be given two weeks to accept the scholarship.

### Key Dates



**Scholarship Programme**

**A\*STAR International Fellowship**



**Application Cycle**

**1<sup>st</sup> Cycle**

**2<sup>nd</sup> Cycle**



**Application Period**

**1 January to 1 April**

**1 July to 1 October**



**Application Outcome**

**From Mid-June**

**From December**

**Start Your Application Journey at**  
**[for.edu.sg/scholarships-apply](https://for.edu.sg/scholarships-apply)**







# A\*STAR Research Focus

Advanced Materials & Biomanufacturing | Allogenic Cell Therapy | Artificial Intelligence | Digitalisation & Connectivity  
Food & Nutrition | Human Potential | Microelectronics | Nucleic Acids Therapeutics | PharmBio  
Precision Health & Biodata | Quantum Technologies | Smart & Sustainable Manufacturing | Sustainability & Energy



## Benefits

**Successful applicants will receive the following support for up to two years:**

- Monthly sustenance allowance, inclusive of CPF contribution
- Monthly overseas living allowance
- Annual return airfare
- Annual personal insurance

**Other allowances include:**

- Conference allowance
- Computer allowance
- Settling-in allowance

All rates/allowances are subject to adjustments by A\*STAR.



## Eligibility

- Singaporeans or Singapore Permanent Residents (SPR). Non-Singaporeans are required to have obtained Singapore citizenship prior to the commencement of the fellowship.
- Have completed a PhD within the last four years.
- Possess excellent publication records.
- No existing bond with any institution.
- Have applied or applying for a relevant postdoctoral position at a top overseas university/laboratory.

The above eligibility criteria are not exhaustive. A\*STAR may include additional selection criteria based on prevailing scholarship policies. These policies may be amended from time to time without notice.



## Other Requirements

Applicants in the final stages of their PhD may apply for the AIF. However, their AIF award is confirmed only upon conferment of their PhD degree.



## Bond

Upon completion of the postdoctoral research training, scholars will return to Singapore and contribute to A\*STAR's research institute for three years.



## Mid-Term Scholarship

Mid-term AIF scholars will receive the same level of support as the full-term AIF scholars from the point of the award. This includes retroactively covering all mandatory fees from the start of training.



# Meet Dr Ng Shi Yan

Principal Scientist, Shi Yan Ng Lab  
Institute of Molecular & Cell Biology (IMCB)  
A\*STAR International Fellowship Recipient, 2012



## 2022 – Present Current Role

In addition to research, Dr Ng is also passionate about talent development. She took on the role of Director of Graduate Affairs at the Biomedical Research Council (BMRC) from 2022 to 2024 and is currently a Senior Principal Investigator. She is also concurrently appointed as Associate Director (Education and Training) at IMCB.

## 2018 – Present Adjunct Assistant Professor

Dr Ng was an Assistant Professor at NUS, Department of Physiology, and serves as an Adjunct Assistant Professor since 2021.

## 2012 – 2015 Postdoctoral

To pursue her deep passion in using stem cells as a disease model, Dr Ng joined the lab of Professor Lee L Rubin at Harvard University as an A\*STAR International Fellow.

## 2008 – 2012 PhD

Dr Ng did her PhD research in the Genome Institute of Singapore (GIS) under the NUS Graduate School (NGS) Scholarship. There, she developed a keen interest in human stem cells for drug development and regenerative medicine.

## 2007 – 2008 Undergraduate

Dr Ng was a recipient of the A\*STAR Pre-Graduate Award. She graduated with a Bachelor of Science in Life Sciences from the National University of Singapore (NUS), and was on the University Scholars Programme President's Honour Roll.



## Awards

### 2021

Stem Cell Society Singapore (SCSS) Dr Susan Lim Award for Outstanding Young Investigator

### 2019

L'Oréal for Women in Science National Fellowship

### 2018

National Research Foundation (NRF) Fellowship

Find out more about  
Dr Ng Shi Yan



# Why Pursue an International Fellowship?

A\*STAR  
International  
Fellowship

## Here's Where You Can Go!

An A\*STAR International Fellowship offers access to resources and skills, forging connections with global science leaders and gaining invaluable overseas exposure at world-renowned laboratories.



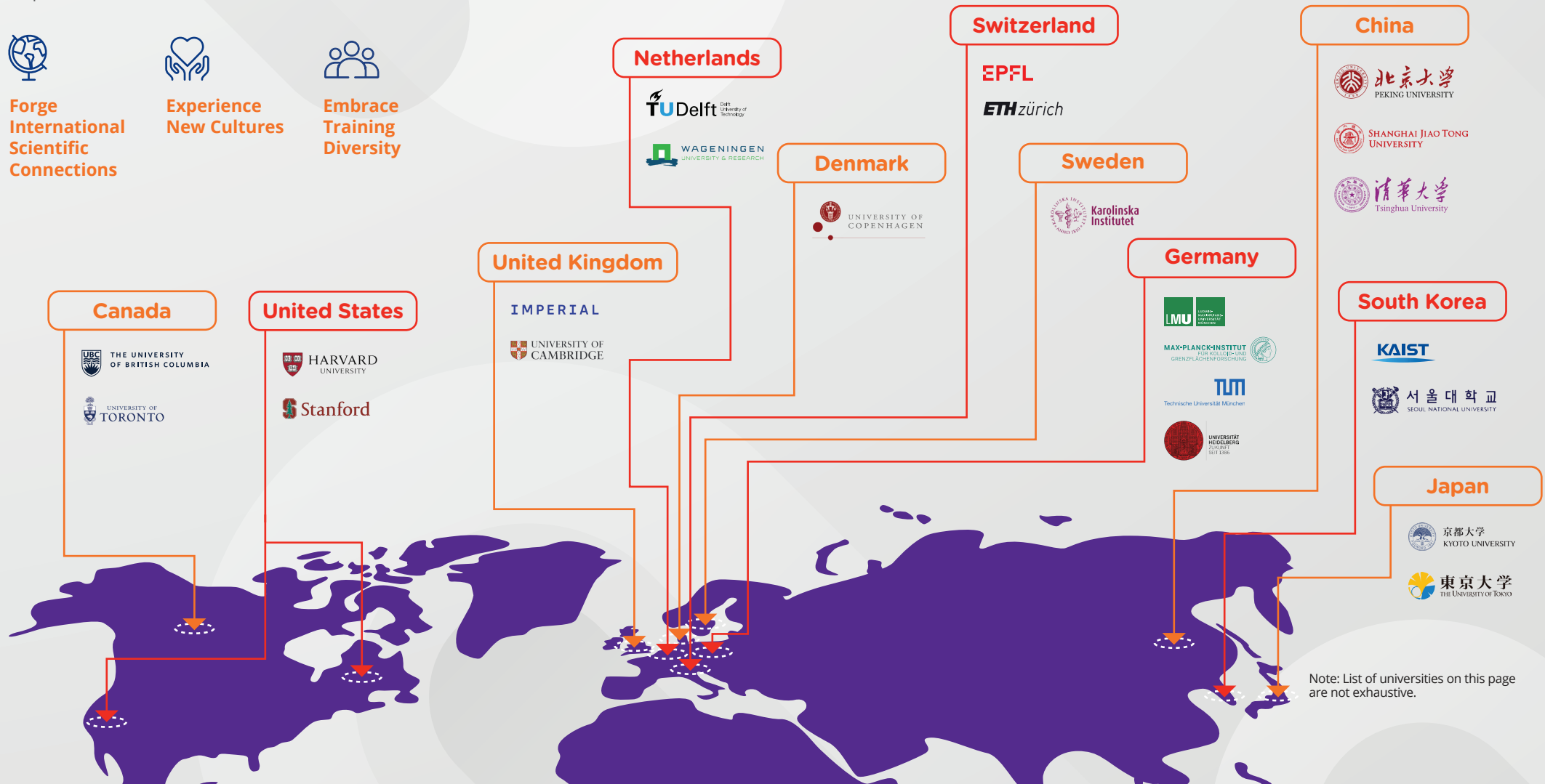
Forge  
International  
Scientific  
Connections



Experience  
New Cultures



Embrace  
Training  
Diversity



Note: List of universities on this page are not exhaustive.



## The A\*STAR Story

The Agency for Science, Technology and Research (A\*STAR) is Singapore's lead public sector R&D agency.

Through open innovation, we collaborate with our partners in both the public and private sectors to benefit the economy and society. As a Science and Technology Organisation, A\*STAR bridges the gap between academia and industry. Our research creates economic growth and jobs for Singapore, and enhances lives by improving societal outcomes in healthcare, urban living, and sustainability. A\*STAR plays a key role in nurturing scientific talent and leaders for the wider research community and industry. A\*STAR's R&D activities span biomedical sciences to physical sciences and engineering, with research entities primarily located in Biopolis and Fusionopolis.

For ongoing news, visit [www.a-star.edu.sg](http://www.a-star.edu.sg).

**Have a question?**  
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