

# GAINSIGHTS

CONNECT | COLLABORATE | CO-INNOVATE

Vice President (Industry) Office Communication

## NTU ACHIEVEMENTS



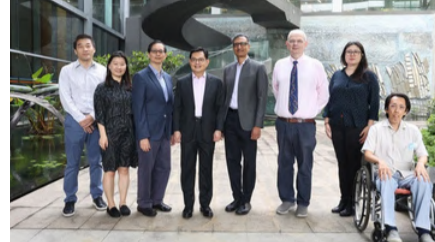
### Leading Global Rankings: A Hub for Research Excellence

NTU leads Singapore in the [QS World University Rankings by Subject 2025](#), with the most ranked subjects, a total of 43. It excels in **six subjects in the global top five (all ranked No. 1 in Asia)**:

- No. 2 **Materials Science**
- No. 3 **Library & Information Management**
- No. 4 **Communication & Media Studies**
- No. 4 **Electrical & Electronic Engineering**
- No. 4 **Mechanical, Aeronautical & Manufacturing Engineering**
- No. 5 **Data Science & Artificial Intelligence**

These strong global rankings highlight NTU's excellence in research and innovation, making it an ideal partner for collaboration. If you're interested in research opportunities, reach out to [us](#) now.

## PARTNERSHIP HIGHLIGHTS



### Singapore Launches S\$130 Million Initiative in RNA Research

A new national programme aimed at positioning Singapore at the forefront of RNA science and its applications was officially launched by Deputy Prime Minister Heng Swee Keat, who also serves as Chairman of the National Research Foundation (NRF). Named the National Initiative for RNA Biology and Its Applications ([NIRBA](#)), this initiative is supported by NRF with S\$130 million in funding over seven years. NIRBA will bring together scientists and clinicians from leading institutions, including the National University of Singapore (NUS), Nanyang Technological University, Singapore (NTU Singapore), the Agency for Science, Technology and Research (A\*STAR), and Duke-NUS Medical School, to advance RNA research and its real-world applications.

Click [HERE](#) for more details.



### Strengthening Regional Sci-Tech Collaboration with VinUni Partnership

NTU Singapore and VinUniversity have signed an MOU to establish a strategic alliance supporting VinUniversity's goal of becoming a top 100 university and advancing Vietnam's science and technology sector. Exchanged at the Vietnam-Singapore Business Roundtable and witnessed by Vietnam's Party General Secretary Mr Tô Lâm, the MOU fosters collaboration in faculty exchange, postgraduate talent development, joint research, and signature events.

Click [HERE](#) for more details.

## GRANT CALLS / INNOVATION CHALLENGES



### Biologics Pharma Innovation Programme Singapore

**Submission Deadline for Letter of Intent: 11 April 2025, 12:00 PM (SGT)**

The Biologics Pharma Innovation Programme Singapore (BioPIPS) is a consortium-led initiative aimed at transforming Singapore's biologics manufacturing facilities into agile, next-generation factories. By leveraging public sector R&D and collaborating with leading biopharma companies, BioPIPS enhances manufacturing productivity, operational efficiency, and sustainability. Its key workstreams focus on Sensing & Modelling, integrating AI-driven process control; Sustainability, reducing waste and environmental impact; and Compliant Agility, streamlining compliance through automation and robotics.

Click [HERE](#) for more details.



### Maritime Policy Research Grant Call on Maritime Manpower Demand-Supply Study

**Submission Deadline: 16 April 2025**

The Singapore Maritime Institute (SMI) has launched the Maritime Policy Research Grant Call on Maritime Manpower Demand-Supply Study. This grant call aims to develop a data-driven econometric model to analyse workforce trends over the next 5 to 10 years, incorporating key labour variables and industry data. The study will provide policy recommendations to address workforce challenges and opportunities, with a focus on the impact of decarbonisation and digitalisation on maritime manpower.

Click [HERE](#) for more details.

## ONGOING GRANTS FOR PUBLIC RESEARCH PERFORMERS IN SINGAPORE



### INDUSTRY ALIGNMENT FUND (IAF)

#### Industry Collaboration Projects ([IAF-ICP](#))

IAF-ICP supports public research in strategic R&D projects with industry by applying and commercialising public sector research capabilities, IPs and technologies for industry challenges. Projects should generally be within 36 months, with exceptions for Corporate Labs on a case-by-case basis, allowing up to 60 months.

#### Pre-Positioning ([IAF-PP](#))

IAF-PP aims to enhance industry-ready capabilities by aligning public sector research, fostering multidisciplinary programs and integrating early industry involvement. The focus is on Human Health and Potential (HHP) or Manufacturing, Trade, and Connectivity (MTC) domains, with anticipated industry participation within 3-5 years.

**Have a research collaboration in mind? Reach out to [us](#) now!**

## EVENTS



### GLOBAL Conference for Women Leaders and Emerging Researchers in Materials Science (GLOW) 2025

**Date & Time:** 29 September – 1 October 2025

**Registration:** Click [HERE](#) for more details

Calling Early Career Female Scientists!

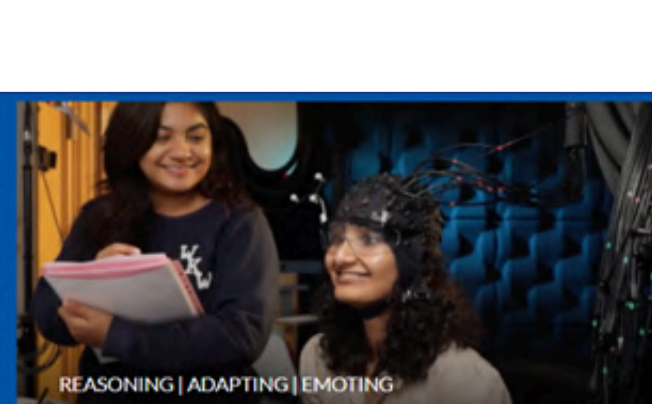
Join us at GLOW 2025, the GLObal Conference for Women Leaders and Emerging Researchers in Materials Science, hosted by NTU Singapore from 29 September to 1 October 2025. This inspiring event celebrates the achievements of women in materials science and offers a platform for emerging researchers to showcase their work and connect with global experts. Featuring keynote talks by eminent women leaders, presentations by young scientists, poster sessions, and networking opportunities, GLOW 2025 will explore cutting-edge advancements in Computational & Characterisation, Future Electronics, Healthcare, Machine Learning & Artificial Intelligence, and Sustainability & Energy.



HEALTHY LIVING | ACTIVE AGEING | WORKING  
HEALTH & SOCIETY



CONNECTING | STRENGTHENING | GROWING  
FUTURE OF INDUSTRY



REASONING | ADAPTING | EMOTING  
BRAIN & LEARNING



LINKING | AUTHORISING | PROTECTING  
ARTIFICIAL & AUGMENTED INTELLIGENCE



DESIGNING | TRANSFORMING | MITIGATING  
RESILIENT URBANISATION & NATURAL ECOSYSTEMS



SOCIALISING | UNDERSTANDING | COMMUNICATING  
CULTURE, ORGANISATIONS & SOCIETY

## CONNECT WITH GAIN

- Reach out to [GAIN](#) for further enquiries.
- For more information about Global Alliance of Industries @ NTU, please visit our [website](#).
- Follow us on [LinkedIn](#) and stay tuned to the latest events and happenings.

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