

SOME OF THE  
WORLD'S LEADING  
SCIENTISTS WHO  
PARTICIPATE  
IN SINGA



**Prof Sir David Lane, A\*STAR and NUS**  
Chief Scientist, A\*STAR. One of the scientists credited with the landmark discovery of tumour suppressor p53. World-renowned researcher with numerous accolades including the Buchanan Medal and the Paul Ehrlich Prize.



**A/Prof Bruno Reversade, A\*STAR and NUS**  
Winner of the EMBO Young Investigatorship, Branco Weiss Fellow and inaugural A\*STAR Investigatorship. Outstanding researcher in embryology and human genetics.



**Prof Wynne Hsu, NUS**  
Winner of the President's Technology Award. Leading scientist in data mining and retinal image analysis.



**Prof Daniela Rhodes, NTU**  
Fellow of the Royal Society and elected member of EMBO and Academia Europaea. Internationally recognised for her contributions to the area of chromosome biology.



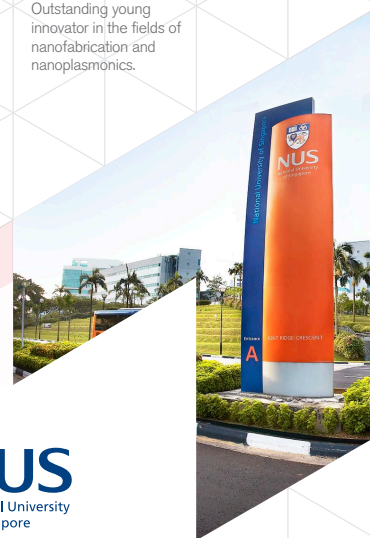
**Asst Prof Tony Quek, SUTD and A\*STAR**  
Recipient of the 2012 IEEE William Bennett Prize and numerous paper awards. Leader in the field of wireless communications, networking, smart grid, cyber security, and big data processing.



**Asst Prof Joel Yang, SUTD and A\*STAR**  
Recipient of MIT Technology Review TR35@Singapore award and the Singapore Young Scientist Award. Outstanding young innovator in the fields of nanofabrication and nanoplasmonics.



**A/Prof Kwoh Chee Keong, NTU**  
Researcher in data analytics and mining. Driven by the desire to make sense of big data for application in bioinformatics and engineering.



#### National University of Singapore (NUS)

NUS is ranked among the world's and Asia's best universities. The multi-campus University offers a global approach to education and research with a focus on Asian perspectives and expertise. NUS leverages its multi-disciplinary strengths to deliver a comprehensive broad-based education which features strong entrepreneurial and global dimensions. The University has a cosmopolitan community of over 37,000 students from 100 countries. For more information, visit [www.nus.edu.sg](http://www.nus.edu.sg)



Agency for  
Science, Technology  
and Research

#### Agency for Science, Technology & Research (A\*STAR)

A\*STAR is Singapore's lead public sector agency fostering world-class research and talent for an innovation-driven economy. A\*STAR oversees 18 biomedical sciences and physical sciences and engineering research entities, located in Biopolis and Fusionopolis, as well as their vicinity. These two R&D hubs house a bustling and diverse community of local and international research scientists and engineers from the USA, Europe and the Asia Pacific region, as well as a growing number of corporate laboratories. A\*STAR invests in the education and development of young talent, welcomes a diversity of international talent, and creates an environment that fosters a vibrant and dynamic research community of PhD students, early career researchers and eminent scientists. For more information, visit [www.a-star.edu.sg](http://www.a-star.edu.sg)



#### Nanyang Technological University (NTU)

Young and research-intensive, Nanyang Technological University (NTU Singapore) has 33,000 students in the colleges of engineering, science, business, humanities, arts, and social sciences. Its medical school is set up jointly with Imperial College London. NTU has more than 400 international partnerships and is also home to world-class institutes and global research breakthroughs. For more information, visit [www.ntu.edu.sg](http://www.ntu.edu.sg)



#### Singapore University of Technology and Design (SUTD)

SUTD is one of the first universities in the world to incorporate the art and science of design and technology into a multi-disciplinary curriculum. Established in collaboration with the Massachusetts Institute of Technology (MIT), SUTD seeks to nurture technically-grounded leaders and innovators in engineering product development, engineering systems and design, information systems technology and design, and architecture and sustainable design. For more information, visit [www.sutd.edu.sg](http://www.sutd.edu.sg)



# SINGAPORE INTERNATIONAL GRADUATE AWARD (SINGA)

A UNIQUE OPPORTUNITY TO OBTAIN  
YOUR PHD IN SCIENCE AND ENGINEERING

[www.singa.a-star.edu.sg](http://www.singa.a-star.edu.sg)





“

Singapore is a melting pot of different cultures and an intellectual powerhouse, providing just the right environment for both work and play. Without a doubt, accepting the SINGA offer was one of the best decisions I have ever made.”

**Kwadwo Konadu Ansah-Antwi** (Ghana)  
*SINGA Awardee*  
*BSc, University of Ghana*



## ABOUT SINGAPORE

Singapore is a vibrant and cosmopolitan city located in the heart of Southeast Asia. With a multiethnic population of 5.4 million, Singapore has a strong tradition of welcoming professionals from all over the world to work and live in the city. The country is dedicated to long-term investments in education and infrastructure. Over the years, Singapore has built up an international reputation as a hub for world-class education and research.

## WHY DO PHD RESEARCH IN SINGAPORE?

- Singapore is a metropolitan city with English widely used for research and communication purposes
- World-class PhD education at top-ranked universities and research institutes
- Renowned professors and scientists in various science and engineering disciplines
- State-of-the-art facilities at A\*STAR and university labs



“

My supervisor provided first-class guidance on my research, and I also had access to cutting-edge research facilities. I even had the remarkable opportunity to work with healthcare companies to develop a practical application; being able to see our technology make an impact on people's lives has been truly rewarding.”

**Dr Jonathan William Dennis**  
(United Kingdom)  
*Graduated SINGA Awardee*  
*PhD, Nanyang Technological University*  
*MEng, University of Oxford*

## SINGA

The Singapore International Graduate Award (SINGA) is a collaboration between the Agency for Science, Technology & Research (A\*STAR), the Nanyang Technological University (NTU), the National University of Singapore (NUS) and the Singapore University of Technology and Design (SUTD). PhD training will be carried out in English at your chosen lab at A\*STAR Research Institutes, NTU, NUS or SUTD. You will be supervised by distinguished and world-renowned researchers in these labs. Upon successful completion, you will be conferred a PhD degree by either NTU, NUS or SUTD.

### AREAS OF INTEREST

Research areas under the PhD Programme fall broadly under two categories:

- (i) Biomedical Sciences
- (ii) Physical Sciences and Engineering

A list of research projects and their respective supervisors can be found at [www.singa.a-star.edu.sg](http://www.singa.a-star.edu.sg)

## ELIGIBILITY

- Open to all international students
- Graduates with a passion for research and excellent academic results
- Good skills in written and spoken English
- Good reports from academic referees

## AWARD TERMS

- Attractive monthly stipend over 4 years of PhD studies, which can support you comfortably. The stipend amount is S\$24,000 annually, to be increased to S\$30,000 after passing the Qualifying Examination
- Full support for tuition fees for 4 years of PhD studies
- One-time S\$1,000 Setting-in Allowance
- One-time S\$1,500 Airfare Grant

## APPLICATION

To apply, please go to [www.singa.a-star.edu.sg](http://www.singa.a-star.edu.sg) to access the SINGA application form, and note the application deadlines. You will need to submit the following together with your completed application form:

- A copy of all your university transcripts
- 2 letters of recommendation from academic referees
- A personal statement (up to 500 words)
- 2 passport-sized photographs

A full English translation is required for all supporting documents.

### Estimated cost of living in Singapore

Items		Per Student Per Month (S\$)
Food	University Canteens	250 - 350
	Meals outside Campus	450 - 600
Accommodation (based on single room)	On Campus*	400 - 700
Transport Expenses (local)		100 - 150
Other Expenses (stationery, toiletries, laundry, recreation, etc)		400 - 500
<b>Total Estimated Cost of Living</b>		<b>1,400 - 2,000</b>

\*Priority for on-campus accommodation is usually given to first year students.



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I first came to Singapore under A\*STAR's SIPGA programme and had a great time in my lab during that attachment. Having also loved Singapore as a city itself, I realised it was the right choice to apply for SINGA and return to A\*STAR to pursue my research.”

**Daniela Marie Cerny** (Germany)  
*SINGA and SIPGA Awardee*  
*MSc and BSc, Ruprecht-Karls-Universität*  
*Heidelberg*

