

SIT Welcomes New Trustees

Four new members have been appointed to SIT's Board of Trustees

O3 December 2021

The Singapore Institute of Technology (SIT) has appointed four new members to its Board of Trustees. The new members are:

- Mr Chan Hian Lim, Deputy Chief Executive Officer (Corporate, Industry and Technology), Singapore Food Agency (appointed on 16 September 2021).
- Ms Neo Gim Huay, Managing Director, Climate Change Strategy, Temasek International Pte Ltd (appointed on 16 September 2021).
- Ms Susan Soh, Co-Head of Asia Pacific, Schroder Investment Management (Singapore) Ltd. (appointed on 16 September 2021).
- Ms Lim Wan Yong, Second Permanent Secretary (Education), Ministry of Education (appointed on 4 October 2021)



(From left to right): Mr Chan Hian Lim, Ms Neo Gim Huay, Ms Susan Soh, and Ms Lim Wan Yong.

As part of Board renewal, **Prof Heng Chye Kiang, Ms Melissa Khoo,** and **Mr TK Udairam** have stepped down from the SIT Board of Trustees on the conclusion of their respective terms of appointment. Prof Heng is the Provost Chair Professor, School of Design and Environment, National University of Singapore; Ms Khoo is the Deputy Secretary (Policy), Ministry of Education; and Mr Udairam is the Chief Operating Officer, Sheares Healthcare Management Pte Ltd.

Mr Ng Yat Chung, Chairman, Board of Trustees, SIT said, "We are very pleased to welcome the four new members to our Board of Trustees. With their rich experience and expertise, they will bring relevant insights to help shape SIT's education and applied research missions as Singapore's premier University of Applied Learning."

"At the same time, I would like to thank the three Board Trustees who have stepped down for their dedicated service and contributions to SIT during their term. They have provided sound guidance that has helped chart the university's growth," said Mr Ng.

The full list of Trustees can be found here.

For the full story, please go to SIT's Digital Newsroom:

https://www.singaporetech.edu.sg/digitalnewsroom/sit-welcomes-four-new-members-to-its-board-of-trustees/

ROE 2021: Celebrating Brilliance on a Virtual Stage

Further apart and yet very much closer. Amid the pandemic, SIT's first virtual Recognition of Excellence strikes a memorably intimate note in a special year

🛱 03 December 2021



The screen came alive at about 4:20 pm on 25 November 2021 – with the bright young faces of 10 SITizens. They had one thing in common: All had received donor supported scholarships and student performance awards.

Among them was scholarship recipient Ms Lim Wan Ting, a Year 3 Air Transport Management student. She talked about volunteering with her fellow SITizens at a soup kitchen on a monthly basis since the beginning of 2021. She was not alone. As Nursing student Ms Shehzahdi Shehrin put it in a later segment, the donor support had given her and her fellow presenters, Mr Alex Tan and Mr Mervin Ho (from the Civil Engineering and Hospitality Business programmes respectively), the inspiration and the bandwidth to explore exciting learning opportunities at SIT and beyond.

Mr Alex Tan, for example, spearheaded "The Late Bloomer Project" to tutor underprivileged secondary school students. Mr Tan, himself once a Normal Academic Stream student, shared how he was "lucky enough to be guided by dedicated educators" and hence was "inspired" to do the same for other students with a similar background as his.



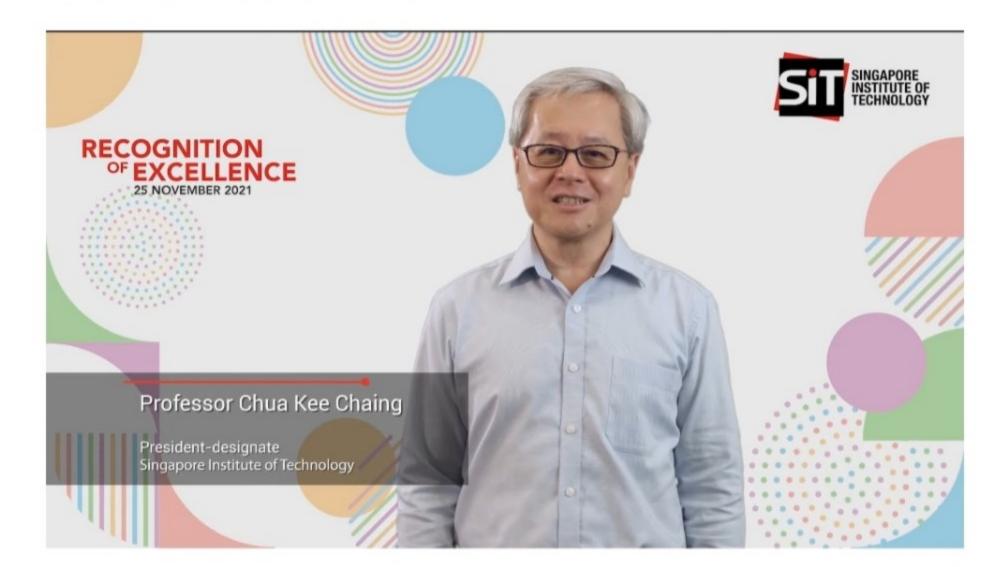
SITizens take to the virtual stage before the start of the ROE ceremony to share how receiving philanthropic support has impacted their lives.

Close-up images of these earnest and smiling young faces set the tone for ROE 2021, giving SIT's first virtual ROE presentation a warm personal touch in a year of social distancing. Most memorably, nine donors expressed their well-wishes for the students, through a series of special video recordings that they had made time to shoot.



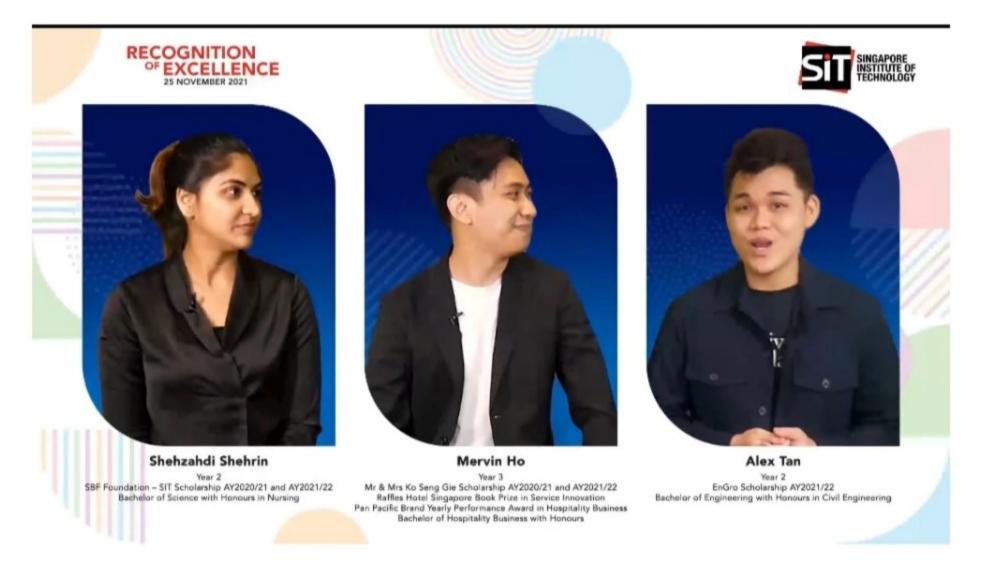
Apart from making possible scholarships and awards, nine of SIT's donors (in order of appearance), took the time to make a special video recording of heartfelt messages for the students.

At ROE 2021, a total of 62 donor-supported Book Prizes, Performance Awards and Gold Medals were presented along with 44 named scholarships to 189 recipients. Speaking from SIT@Dover, Prof Chua Kee Chaing, President-designate, SIT, thanked SIT's donors for seeing the potential in its SITizens, and for their generous commitment to nurture these young talents. Speaking on how SIT's students are able to participate in the University's applied research and innovation initiatives with the industry, Prof Chua said, "These projects allow our students to put their knowledge to application in real work settings, and further prepare SIT students as a talent pipeline that can help local companies move up the innovation value chain."



Prof Chua Kee Chaing, President-designate, SIT, welcomed the audience to the seventh ROE presentation. He thanked SIT's donors for seeing the potential in the award and scholarship recipients, and for their generous commitment to nurture these young talents.





Ms Shehzahdi Shehrin, Mr Mervin Ho and Mr Alex Tan (from left to right) in a Zoom presentation to share more about the exciting initiatives and learning opportunities they are involved in.

In his closing address, Prof Tan Thiam Soon, President, SIT, gave a snapshot of how well its SITizens are doing – academically and also in the industry, as evidenced by GES 2020, the latest Graduate Employment Survey, which found that SIT's fresh graduates are enjoying an overall employment rate of 95% and a mean gross monthly salary of \$3,675. He added that their success had been shaped by SIT's unique pedagogy that integrates work, study, and community – one that also offers its students many service-learning opportunities through the university's Community Leadership and Social Innovation Centre.

Prof Tan, who presided over the first ROE in 2015, looked back at that small cosy event which presented just 23 donor-supported book prizes, performance awards, and gold medals. He ended the afternoon by looking ahead, to SIT's future campus in Punggol that will help transform Punggol North into a vibrant learning and economic hub – with the support of the SIT community.

He said, "I am optimistic that we will have many more opportunities for further interaction, collaboration, and progress. This year, ROE has had to go online, but perhaps we can meet again in person next year at this happy event."



Prof Tan, President, SIT, took a look back at the first ROE in 2015, and closed the ceremony by looking ahead to SIT's future campus that will turn Punggol North into a vibrant hub - with the support of the SIT community.

SIT Trumps 67 Teams to Win BECC 2021

A team of SIT Engineering students won the Built Environment Case Competition 2021 with their proposal of a futuristic floating city

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The SIT team's vision of floating living with hydroponic glasshouses along Singapore's coastline.

Engineering students Ms Teoh Mei Ting, Mr Ashok Kumar, and Mr Syed Noorhalim bin Abdul Razak started out with a simple goal: enter the Built Environment Case Competition (BECC) 2021 to further their knowledge on tackling climate change and to gain competition experience. Two months spent designing an impressive concept of a futuristic, floating city in Singapore led them far beyond that target – the team emerged as winners of the competition and netted a \$1,200 cash prize.

The BECC, organised by the National University of Singapore (NUS) Civil Engineering & Environment Club, presents students with a problem faced by industry players of the built environment. Teams must then analyse and propose a solution that employs technology and sustainability. This year's edition centred on Singapore's relationship with living on water to tackle climate change and rising sea levels.



From left: The team comprised SIE (BS) students Mr Syed Noorhalim bin Abdul Razak and Ms Teoh Mei Ting, as well as Civil Engineering student Mr Ashok Kumar.

The team, led by Mei Ting (Year 2, Sustainable Infrastructure Engineering (Building Services)), came up with the proposal for a Very Large Floating Structures (VLFS) development plan that involved a future floating city, pillars of sustainability, and feasibility studies. They chose the idea of floating structures as these would provide an opportunity for future expansion of land. At the same time, the structures would have the ability to stay resilient against changing tides and rising sea levels. The VLFS incorporates three system designs that would ensure its liveability:

- A durable and long-lasting platform design;
- A hybrid breakwater-wave energy converter system, which provides a 24/7 wave power resource for floating towns, and a breakwater feature of wave energy converters to reinforce the platform's structural integrity;
- An adjustable mooring system constructed with winches, a pulley system, and mooring lines. The system is connected to the seabed to ensure that the platform does not dislocate due to waves and is elevatable when the sea level rises.



(left) Aquaculture and hydroponic farms on the floating platform. Waste from aquaculture farms can be used as nutrients for hydroponic farms and plants grown can be used to feed fish. (right) Containers on the floating platform that are refurbished into office spaces.

"This project really showed me the possibility of what it would be like to have a new, exciting, sustainable construction engineering career," said Mei Ting. "Compared to land reclamation, developing floating cities along the coastline on VLFS could potentially be a fast, economical, and sustainable way to encounter rising sea levels whilst protecting our coastline."

For the full story, please go to SIT's Digital Newsroom: <u>https://www.singaporetech.edu.sg/digitalnewsroom/sit-trumps-67-teams-to-</u> win-becc-2021/

Empowering Leaders for a Digital World

The newly established Soon Family Digital Leadership Scholarship at SIT will nurture budding ICT professionals from ASEAN

🛱 03 December 2021

From a very young age, Computing Science undergraduate Mr Ang Quan Xing has always been interested in computing. For him, computing is the study of problem solving that drives innovation in the sciences, engineering, business, entertainment and education.

Mr Ang, a first-year undergraduate at the Singapore Institute of Technology (SIT), is the first recipient of the Soon Family Digital Leadership Scholarship. He said, "It is exciting for me as it is possible for me to make a positive difference in the world through computing."

The Scholarship was established at SIT in January 2021 to nurture young talents in Infocomm Technology. Made possible by Mr Soon Sze Meng, a Member of SIT's Board of Trustees, the Soon Family Digital Leadership Scholarship is open to ASEAN citizens who are pursuing a full-time undergraduate degree under SIT's Information and Communications Technology cluster at SIT, and who have the demonstrated intent to contribute significantly as leaders in digital-focused industries in Southeast Asia. Each Scholarship is valued at \$10,000.

Mr Ang, who hails from Malaysia and hopes to one day work at Google, added, "I was thrilled to learn that I was selected for this Scholarship. This has allowed me to focus more on the most important aspect of school: learning. Mr Soon's generous support has inspired me to help others and give back to the community. I hope one day I will be able to help other students achieve their goals just as he has helped me."

Said Mr Soon, "With the rapid adoption of technology, digitisation is transforming ASEAN economies and societies. I hope this Scholarship will help nurture the next generation of leaders who aspire to make a difference in the region's digital-focused industries. With their education at SIT- I am confident that the recipients of this scholarship will drive positive impacts in their chosen fields."





Soon Family Digital Leadership Scholarship





Ang Quan Xing Bachelor of Science with Honours in Computing Science Singapore Institute of Technology - University of Glasgow

Recipient of the Soon Family Digital Leadership Scholarship, Mr Ang Quan Xing, at the Recognition of Excellence presentation in November 2021.





A Burst of Goodwill

Temasek Foundation Sunburst Scholarship to nurture service leaders at SIT

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Young service leaders at the Singapore Institute of Technology (SIT) will soon be empowered by a new scholarship. The Temasek Foundation Sunburst Scholarship offered in partnership with SIT, aims to nurture academically talented undergraduates who have a heart for serving the community.

Thanks to a grant from the Temasek Foundation, SIT will be enabled to award three scholarships to Singaporean undergraduates pursuing any degree programme in their first or second year of studies from the next Academic Year 2022/23. Valued at \$14,000 each per annum, the Scholarship will support its recipients throughout their entire course of studies. The Scholarship will be applicable to students who have good academic results, and a good record of community service.

To continue nurturing their passion for the community, recipients will be encouraged to achieve 60 hours of community service throughout the entire tenure of the Scholarship and participate in sustainability or community projects, including a youth programme supported by the Temasek Foundation. They will also be encouraged to be part of Temasek Foundation's youth alumni network, where they can be exposed to different ways of impacting the community.

Said Prof Tan Thiam Soon, President, SIT, "SIT is honoured by this support from the Temasek Foundation to nurture student excellence through the Temasek Foundation Sunburst Scholarship. It is our hope that the scholarship recipients will help strengthen social resilience as service leaders, by making a difference in the lives of those who are underserved."

Mr Benedict Cheong, Chief Executive, Temasek Foundation International, said, "We hope the recipients of the Temasek Foundation Sunburst Scholarship at SIT will continue to pursue academic excellence in tandem with their initiatives to make a positive impact on communities in Singapore and beyond. We know that the future will bring to them many opportunities to serve their respective communities."



The new Temasek Foundation Sunburst Scholarship at SIT will encourage its recipients to continue serving their community in meaningful ways – uplifting not only the recipients but also the beneficiaries that they serve.

Let Your Paint Run Free!

Be mesmerised by how colours can blend and interact in unpredictable yet interesting ways

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Masterpieces created by SITizens Ms Cassandra Chong (left) and Mr Ivan Liew (right).

From 10-11 November, 54 SITizens tried their hands at creating a world of vibrant colours at the Acrylic Pour Workshop, organised by the SIT Alumni Leisure Network and facilitated by Zee from Epic Workshops.

Acrylic pouring is a painting technique that does not involve complex concepts – participants simply had to choose the colours they like, mix them, and start pouring!

The participants were given two blank canvases to work with, and a crash course on colour theory should they wish to mix the paints that they were provided with to come up with their own signature shade.



The hardest part is choosing which colours to use!

Subsequently, they were guided through mixing the paint and the various techniques to pour and spread the paint to create different patterns. Paint consistency is essential for a good flow of the paint mixture on the canvas, hence the alumni had to make sure that their paint mixture was a liquid honey consistency. They did this by adding vinyl glue and water to acrylic paint.



SITizens put to use the different pouring and mixing techniques to create their own unique artwork.

Ms Cassandra Chong, Class of 2019 Hospitality Business alumnus had been looking forward to the workshop ever since she received the workshop materials. "The workshop was easy to digest, execute and fruitful. In just two hours, I've gained a new skill!"

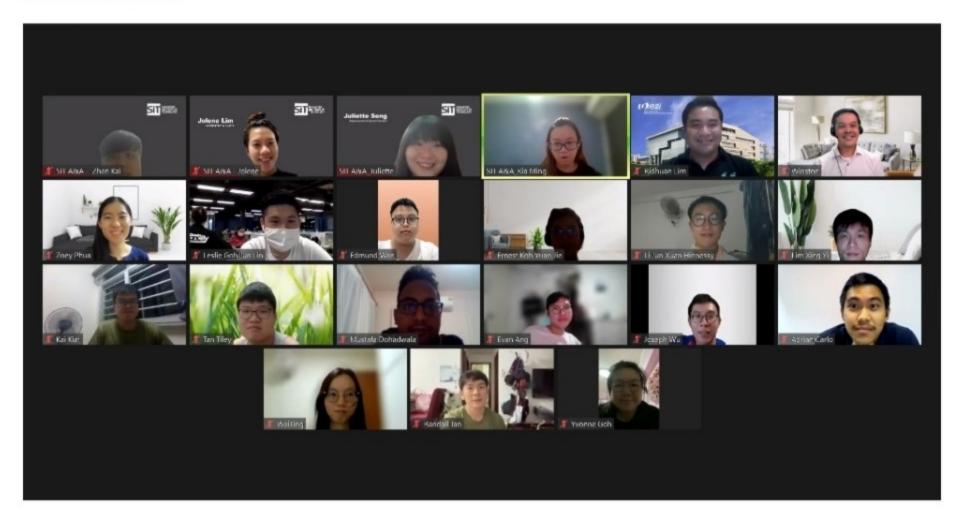
"I'm glad that the Alumni Leisure Network organises such art workshops; it gave me a very good and therapeutic break from my hectic work. It's a pity we had to do this online due to COVID-19, if not it'll definitely uplift the experience further," said Mechanical Design Engineering graduate Mr Ivan Liew.



Pitching Your Way to Success

SITizens learnt that a successful pitch should be simple, memorable, and convincing

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On 17 November, 42 SITizens got together on Zoom for the "Upping Your Elevator Pitch" Workshop, organised by the SIT Alumni Career Network in collaboration with e2i (Employment and Employability Institute) and North West Community Development Council (CDC).

Ms Zoey Phua, SkillsFuture Advisor from the North West CDC, kicked off the session by sharing about the various funding schemes available for training and upskilling — including the SkillsFuture Credit that is available to all Singaporeans aged 25 and above — as well as the SkillsFuture Credit-eligible courses available.

SITizens were then guided through the three main outcomes of the workshop by Mr Winston Chue, Executive Coach & Adult Educator – boosting their personal brand, crafting an elevator pitch, and discovering opportunities through networking. An elevator pitch is a concise summary to showcase one's personal branding; a good pitch should be short, distinctive, and sound confident.

Networking was also brought up as an indispensible tool in one's career journey, as the hidden job market — jobs that employers do not advertise or publish publicly — took up a significant portion of job vacancies in Singapore.

During the session, Career Coach Mr Mohammad Ridhuan Lim also introduced the participants to the various career employability resources and services available at e2i, which includes career coaching, employability workshops, and virtual career fairs.



Speakers for the session: Mr Mohammad Ridhuan Lim (top left), Mr Winston Chue (top right), and Ms Zoey Phua (bottom).

The workshop ended with an engaging Question and Answer Session where the alumni consulted the coaches on various queries related to networking and professional development. When asked for recommendations on platforms that would be useful for networking given the current COVID-19 measures, Mr Chue highlighted that the SIT Alumni Networks provided very good opportunities that SITizens could tap on to build connections and rapport.

Aeronautical Engineering graduate Mr Ong Yu Shen rose to the challenge to craft an elevator pitch. "I believed I could only benefit from this workshop if I stepped out of my comfort zone to try. The coach was patient and highlighted my personal brand which I was not even aware of to begin with!"

"I've learnt to be more outspoken and that networking is very important. It was also useful to find out about the existence of hidden jobs," said Ms Toh Li Juan Kelen, an alumnus from the Mechanical Design and Manufacturing Engineering programme.



An overview of the various SkillsFuture schemes available. Taken from www.skillsfuture.gov.sg.