



MEDIA RELEASE

JOINTLY ISSUED BY MSE, NEA, PUB AND SFA

17 YOUNG TALENTS AWARDED SINGAPORE SUSTAINABILITY SCHOLARSHIP 2024

Singapore, 22 July 2024 – Seventeen outstanding young individuals set to pursue courses in earth and planetary science, molecular and cell biology, plus other science and engineering disciplines, received the Singapore Sustainability Scholarship (SSS) from Ms Grace Fu, Minister for Sustainability and the Environment, at an award ceremony today. The SSS, jointly offered by the National Environment Agency (NEA), national water agency PUB, and the Singapore Food Agency (SFA), plays a vital role in supporting our Singapore Green Plan 2030.

2 Each year, the SSS identifies and nurtures future leaders to tackle the challenges posed by climate change, energy efficiency, water security and food security in Singapore. These scholars will embark on studies in engineering, environmental, food and science-related disciplines in either a local or overseas university, or polytechnic. Upon graduation, they will begin fulfilling careers with NEA, PUB, or SFA, where they will play an integral role in driving sustainability initiatives and implementing the strategies outlined in the Singapore Green Plan 2030. Since the inception of the SSS in 2008, a total of 277 scholarships have been awarded.

Singapore Sustainability Scholarship recipients

3 NEA's scholarship recipient, Ms Alicia The, will be pursuing a Master of Science in Environment Science at the University of St Andrews. Alicia took a degree in Chemistry with the National University of Singapore, which piqued her interest to foray into scientific work. She took on an internship with NEA during her undergraduate studies, which provided her on-the-ground experience of NEA's work. During her internship, she worked with the team investigating unpleasant odours using what she learnt from analytical chemistry to identify these odorous compounds and their potential sources. Alicia found the work to be meaningful and she made the decision to pursue a longer-term career with NEA and took on the SSS to pursue her post-graduate studies. "Amidst the ongoing climate crisis, I felt a personal calling to contribute to environmental efforts and found immense fulfilment from being involved in such projects. With the Singapore Sustainability Scholarship, I hope to continue using science to tackle Singapore's environmental issues and create a more sustainable future for our home."

4 PUB's scholarship recipient, Ms Melissa Koi, who was also previously awarded a PUB Engineering Diploma Scholarship, will study for a Bachelor of Engineering in Environmental Engineering at the Nanyang Technological University. Her passion for environmental conservation at a young age prompted her to pursue a Diploma in Environment and Water Technology at Ngee Ann Polytechnic, instead of taking the Junior College route. The 20-year-old had an opportunity to intern at PUB's Water Quality Department, where she learned about the importance of ensuring a clean and safe water supply for Singapore. Having read extensively about the impact of climate change and

Singapore's vulnerability to rising sea levels, she is eager to contribute to Singapore's coastal protection journey. "I intend to specialise in coastal protection as this topic has become a national priority and will be a multi-generational challenge over the next few decades. I hope to play a role in addressing the environmental challenges and help safeguard Singapore's coastal areas."

5 SFA's scholarship recipient, Ms Abie Chi, will be pursuing a Bachelor of Veterinary Medicine at the University of Edinburgh. The ex-national gymnast aims to promote sustainable food practices in Singapore. "I believe that veterinary studies will provide invaluable exposure to different systems and equip myself with necessary skills to proactively address challenges in food safety."

In-service scholarship recipients

6 At the ceremony, Minister Fu also presented certificates to 13 in-service scholars from MSE, NEA, PUB, and SFA, recognising their commitment to enhance their skills and professional expertise. In-service scholarships are in line with MSE family's efforts to foster a skilled and future-forward workforce that possess the relevant expertise to tackle the demands of sustainable development.

7 Mr Ackburally Mohammad Djamil from NEA will be pursuing a Master of Public Health at the National University of Singapore. As a Deputy Director in NEA's Vector Control Operations Division, he is responsible for executing strategies and devising plans to keeping vector population low in Singapore. His current focus is on the prevention of mosquito and rat associated diseases. Coupled with his extensive experience in the field, the Master programme will help sharpen his ability to devise robust and sustainable execution plans to achieve desired vector control outcomes.

8 Mr Faisal Ahmad from PUB currently oversees the Smart Operations Division in the Infotech and Digitalisation Department. He is responsible for implementing enterprise digitalisation projects to build a productive and future-ready PUB that can do more with less. One successful project was a central video management system, which connects all of PUB's CCTV systems to collate key video alert information for enhanced incident response. By pursuing a Master in Artificial Intelligence for Sustainable Development at the University College London, he hopes to contribute towards integrating AI seamlessly into PUB's core operations and ensuring its effective management.

9 Mr Ong Yihang from SFA will pursue a Master of Engineering (Chemical and Biomedical Engineering) at the Nanyang Technological University. Yihang is currently working on a research project that explores the production of microalgae-based single-cell protein as a sustainable feed ingredient for Asian seabass in Singapore's aquaculture industry. This project will provide insights and pave the way for further research and innovation in sustainable protein sources for our aquaculture industry.

Types of scholarships

10 Under the SSS, NEA, PUB and SFA offer both full-term and mid-term undergraduate and postgraduate scholarships. SFA also offers diploma scholarships to students from local polytechnics.

11 NEA focuses on environmental-related domains such as Environmental Engineering, Environmental Science, Environmental Management, as well as sciences such as Physics, Chemistry, Biology, Earth Sciences and Meteorology, amongst others. PUB focuses on engineering disciplines, including Civil, Electrical, Environmental and Mechanical Engineering, as well as environmental and natural sciences. SFA focuses on sciences such

as Agricultural and Aquacultural Sciences, Chemistry, Biology, Veterinary Science, and Food Science. The full list of SSS recipients and in-service scholars are in **Annex A and B** respectively.

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About the Ministry of Sustainability and the Environment

The Ministry of Sustainability and the Environment (MSE) is committed to providing Singaporeans with a clean and sustainable environment, and resilient supplies of safe food and water.

MSE works alongside its three statutory boards – the National Environment Agency (NEA), PUB, Singapore’s National Water Agency, and the Singapore Food Agency (SFA) – to achieve this mission through innovation, technology, and vibrant partnerships with the private, public, and people (3P) sectors.

For more information, visit <http://www.mse.gov.sg/>

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About the National Environment Agency

The National Environment Agency (NEA) is the leading public organisation responsible for ensuring a clean and sustainable environment for Singapore. Its key roles are to improve and sustain a clean environment, promote sustainability and resource efficiency, maintain high public health standards, provide timely and reliable meteorological information, and encourage a vibrant hawker culture. NEA works closely with its partners and the community to develop and spearhead environmental and public health initiatives and programmes. It is committed to motivating every individual to care for the environment as a way of life, in order to build a liveable and sustainable Singapore for present and future generations.

For more information, visit www.nea.gov.sg

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About PUB, Singapore’s National Water Agency

PUB is a statutory board under the Ministry of Sustainability and the Environment (MSE). It is the national water agency, which manages Singapore’s water supply, water catchment, and used water in an integrated way. From April 2020, PUB also took on the responsibility of protecting Singapore’s coastline from sea-level rise as the national coastal protection agency.

PUB has ensured a diversified and sustainable supply of water for Singapore with the *Four National Taps* (local catchment water, imported water, NEWater, desalinated water). PUB leads and coordinates whole-of-government efforts to protect Singapore from the threat of rising seas and the holistic management of inland and coastal flood risks.

PUB calls on everyone to play a part in conserving water, in keeping our waterways clean, and in caring for Singapore’s precious water resources. If we all do our little bit, there will be enough water for all our needs – for commerce and industry, for living, for life.

Find out more about us:

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Visit our website at www.pub.gov.sg

About Singapore Food Agency

The mission of the Singapore Food Agency (SFA) is to ensure and secure a supply of safe food. To safeguard Singapore's food security, SFA adopts a multi-pronged approach which includes diversifying food import sources and increasing local food production. To ensure that food in Singapore is safe for consumption, SFA has in place an integrated farm-to-fork food safety system which adopts a risk-based approach guided by science and aligned with international standards. As food safety and security is a joint responsibility, SFA provides an enabling environment that supports all stakeholders to play their part.

For more information on SFA, visit www.sfa.gov.sg.

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Ministry of Sustainability
and the Environment
— SINGAPORE —



National
Environment
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SINGAPORE'S
NATIONAL
WATER AGENCY



Singapore
Food
Agency

MEDIA RELEASE

Annex A

Profiles of Singapore Sustainability Scholarship Recipients

National Environment Agency

S/N	Name and age	Course and University	Profile
1	<p>Pang Ka Wing</p> <p>Age: 22</p> 	<p>Bachelor of Social Science (Geography)</p> <p>National University of Singapore</p>	<p>Ka Wing was initially accepted in Pharmaceutical Science at National University of Singapore, with Geography as her second major out of interest. However, she found herself more attracted towards Geography's teachings regarding the relationship between people, place and the environment. She felt that she could apply Geographical theories to her immediate surroundings and landscapes. Hence, she took a leap of faith and transferred into Geography, turning her passion towards Geography into her main course of study. She is currently working on her final year Honours Thesis regarding Popular Geopolitics.</p> <p>In addition to her studies, Ka Wing enjoys doing volunteer work. She leads her university's Lions Befrienders club to deliver food and daily necessities to the elderly.</p> <p>Ka Wing hopes to use her knowledge from Geography to tackle sustainability and littering issues in Singapore, changing people's conceptions about the environment and bringing better quality public spaces for all.</p>

S/N	Name and age	Course and University	Profile
2	Lin Yu Guan Age: 19 	Bachelor of Science in Earth and Planetary Science Imperial College London, United Kingdom	<p>Yu Guan grew up watching nature documentaries, spending weekends hiking, and working on creating artworks through recycled materials. The natural world has always mesmerised her, the vast possibilities hidden in the environment on how to conserve the natural endowments while constructing a sustainable living space for our people.</p> <p>Yu Guan's aspirations to further pursue humanity and conservation eventually motivated her to join several green societies and projects along the way, where she nurtured her passion and competency for contribution towards the environmental cause. She wishes to equip herself with professional knowledge and soft skills in tertiary education.</p> <p>After graduation, Yu Guan wishes to contribute to the cause NEA stands for, and more specifically, to the development and deployment of sustainable energy, resource conservation, and at large, any effort that propels the society towards a sustainable future.</p>
3	Leow Xin Yi Age: 19 	Bachelor of Science in Geography University College London, United Kingdom	<p>Xin Yi spends her free time doing community work like urban and beach clean-ups, which helped her understand the well-being of the physical environment and sparked her interest in Geography. From being a part of the National Geography Team to taking the NUS Geopolitics module as part of H3 Geography in Junior College, she was gradually exposed to the depth and breadth of the discipline. She enjoys how Geography could bring together topics from different fields to formulate a holistic understanding of present-day issues.</p> <p>That was when Xin Yi developed an interest in a broad range of topics, such as climate change mitigation and sustainable development. The interdisciplinary nature of the subject has therefore made her more cognisant of the importance of bridging human and physical factors to formulate policies. Realising its relevance in today's ever-changing world, she decided to further her studies in Geography, hoping to make an impact on Singapore's sustainability movement.</p> <p>Xin Yi hopes to tackle environmental issues with NEA upon completion of her studies. At the same time, she is excited to continue learning to ensure that her knowledge and skills can remain relevant as the challenges evolve.</p>
4	Quid Jing-En Anthea	Bachelor of Engineering	<p>From a young age, Anthea dreamed of becoming a pilot. She was part of the Singapore Youth Flying Club since 2018 and developed an interest in the intricacies of engineering during her time there. Her interest in sustainability was catalysed by an unexpected opportunity in</p>

S/N	Name and age	Course and University	Profile
	Age: 19 	(Mechanical Engineering) National University of Singapore	<p>secondary school when she was given the opportunity to plan Earth Week. Not only did this experience allow her to gain leadership and organisational skills, but it was also a pivotal moment that exposed her to environmental issues such as greenwashing and carbon emissions.</p> <p>Anthea carried this combination of passions on to junior college, where she delved deeper into sustainability by writing essays on topics such as effectiveness of waste and carbon management policies globally, the impact of pollution on public health, as well as the relevance of fossil fuels in today's world. These activities solidified her commitment to addressing environmental challenges in Singapore.</p> <p>Anthea aspires to work on the waste management or sustainability issues in Singapore, as she is drawn by the potential for innovative solutions in these sectors. Studying Mechanical Engineering will equip her with the skills to design and optimise systems that promote sustainability and drive environmental progress.</p>
5	Alicia The Age: 23 	Master of Science in Environmental Science University of St Andrews, United Kingdom	<p>Alicia considers herself to be an academic late bloomer. During secondary school, she struggled with examinations and almost accepted that academic excellence was unattainable for her. However, her grades picked up during junior college. Science subjects became fascinating and explained the world around her.</p> <p>Alicia also took on an internship with NEA during her undergraduate studies which provided her on-the-ground experience of the work NEA does. During her internship, she was working with the team investigating on unpleasant odours. Alicia used what she learnt from analytical chemistry to identify these odourous compounds and their potential sources. Through the internship opportunity, Alicia found NEA's work to be meaningful and she made the decision to pursue a longer-term career with NEA and took on the SSS to pursue her post-graduate studies. Looking back, Alicia credits this to having the space to mature, cultivate her interests, and develop her work ethic. In university, the abundance of academic opportunities available gave her the courage to foray into scientific work. Amidst the ongoing climate crisis, she felt a personal calling to contribute to environmental efforts and found immense fulfilment from being involved in sustainability related projects. Thus, after graduation, she hopes to continue using science to tackle Singapore's environmental issues and create a more sustainable future.</p>

PUB, Singapore's National Water Agency

S/N	Name and age	Course and University	Profile
1	<p>Koi Zhi Yuan Melissa (Melissa Koi)</p> <p>Age: 20</p> 	<p>Bachelor of Engineering in Environmental Engineering with a Second Major in Sustainability</p> <p>Nanyang Technological University, Singapore</p>	<p>Melissa's interest in environmental engineering is fuelled by her passion towards environmental conservation from a young age. Instead of taking the Junior College route, she chose to pursue a Diploma in Environment and Water Technology at Ngee Ann Polytechnic, driven by her fascination with the intricate connections between human activities and nature. Recognised for her outstanding academic performance and leadership potential, she was awarded the PUB diploma scholarship from 2021 to 2023. During this period, she led the Green Volunteers Club at Ngee Ann Polytechnic as the Chairperson to organise events that raise environmental awareness in Singapore. She also had the opportunity to do a six-month internship with the Water Quality Department at PUB where she deepened her knowledge and interest in water management and technology.</p> <p>Motivated by her extensive reading on the impact of climate change and Singapore's vulnerability to rising sea levels, Melissa aspires to contribute to coastal protection and sustainability upon graduation, focusing on preserving coastal ecosystems, preventing flooding and ensuring water quality. She recently joined the NUS-BECC (Built Environment Case Competition) on coastal protection where she learned about artificial reefs and what other countries are doing to tackle sea level rise. Her team proposed building resort homes that double as coastal protection infrastructure in the currently publicly accessible areas of the north-western coastal areas such as Sungei Buloh Nature Reserve, inspired by the mangrove resorts found in neighbouring ASEAN countries. In the long term, she aims to contribute to shaping policies and practices that leave a lasting, positive imprint on the environment.</p>
2	<p>Ong Xin Yu</p> <p>Age: 20</p> 	<p>Bachelor of Engineering in Environmental Engineering</p> <p>National University of Singapore</p>	<p>Xin Yu's study in Environmental and Water Technology at Ngee Ann Polytechnic and internship opportunity at one of PUB's water treatment plants have allowed her to gain a deeper understanding of water treatment processes and encouraged her to pursue a degree in Environmental Engineering.</p> <p>Xin Yu aspires to become an environmental engineer with PUB upon graduation and she looks forward to utilising her skills and knowledge to address the current and evolving challenges in water treatment. In the future, she also hopes to make significant contributions towards safeguarding Singapore's water supply by exploring innovative solutions and leveraging advanced technologies.</p>

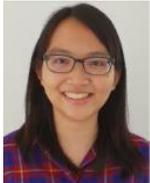
S/N	Name and age	Course and University	Profile
3	Tan Kai Jie 20 years old 	Bachelor of Engineering in Chemical Engineering Imperial College London, United Kingdom	Kai Jie's long-standing fascination with development in STEM, fuelled by his aptitude in science and math motivated him to seek a career with opportunities to contribute to innovative solutions for future challenges. A book that he read called "Eating Chilli Crab in the Anthropocene", which examines contemporary Singapore from an ecocultural lens, ignited his curiosity about sustainability and served as an epiphany that strengthened his belief in the pivotal role that we can play in achieving a sustainable future. Kai Jie believes that Chemical Engineering, with its focus on sustainability, offers the ideal platform for him to contribute to areas like sustainability through large scale projects and provides opportunities for him to address pressing global challenges in the future upon graduation. His goal is to drive positive change and contribute to building a more resilient future for generations to come.
4	Wang Yifei 21 years old 	Bachelor of Engineering in Electrical Engineering Cambridge University, United Kingdom	Yifei's diverse research internship experiences with organisations like A*Star and Rolls-Royce Singapore have shown her the transformative potential of technology. She believes engineering is the key to realising ideas and is committed to dedicating her skills to designing innovative solutions. Yifei is excited to start her career as an electrical or environmental engineer at PUB and she looks forward to applying and expanding her skills gained from Cambridge's Electrical Engineering course upon graduation.
5	Ong Khai Yang 23 years old 	Bachelor of Engineering in Environmental Engineering National University of Singapore	Khai Yang has a strong interest in the environment, especially on water-related issues and coastal protection. An avid kayaker, he joined Project OceaNUS, an Overseas Community Involvement Program (OCIP) to bring environmental solutions to the overseas community. Through the knowledge gained from his current Environmental Engineering course at National University of Singapore, he hopes to contribute meaningfully to the built and natural environment of Singapore. Upon graduation, Khai Yang is keen to be part of projects that can contribute positively to climate change.

S/N	Name and age	Course and University	Profile
6	Chen Rui Yi Jamie (Jamie Cheng) 25 years old 	Bachelor of Engineering in Mechanical Engineering Boston University, United States	<p>Jamie's pursuit of Mechanical Engineering is borne from his deep-seated passion for sustainability and his desire to contribute to Singapore's sustainable future. Through his internship with Jacobs International Consultants, he had the opportunity to work with the PUB team constructing the future Tuas Water Reclamation Plant which left a lasting impression on him and cemented his desire to contribute to Singapore's sustainable future.</p> <p>As an aspiring engineer with a commitment to sustainability, Jamie looks forward to collaborating with different organisations and government bodies to foster innovative and sustainable practices.</p>

Singapore Food Agency

S/N	Name and age	Course and University	Profile
1	<p>Anagha Nair</p> <p>Age: 21</p> 	<p>Bachelor of Veterinary Medicine</p> <p>Royal Veterinary College (University of London), United Kingdom</p>	<p>Anagha expressed her ambition to become a veterinarian, driven by her interest in both healthcare and food. When she was younger, she imagined the job of a veterinarian was to take care of pet animals. However, her perspective shifted in 2018 when the Nipah virus broke out, which was when she realised the critical link between humans and animals.</p> <p>Anagha shared her interest in the work of veterinarians in SFA, which would give her the opportunity to contribute to research on sustainable food production, ethical animal rearing practices, and alternative food solutions.</p>
2	<p>Chelsea Megan Handami</p> <p>Age: 19</p> 	<p>Bachelor of Science with Major in Food Science</p> <p>University of Melbourne, Australia</p>	<p>Megan shared that her aspiration in food science is to pioneer innovative solutions that address global challenges in food security and nutritional well-being.</p> <p>Megan's interest peaked when she was given the opportunity to take part in a science research project with A*STAR to develop an efficient farm where she had to code to stimulate the growth of <i>bak choy</i>.</p> <p>As part of her career goals, Megan looks forward to bridging the gap between scientific advancements and practical applications and leading planning and policy making to enhance Singapore's food security.</p>

S/N	Name and age	Course and University	Profile
3	Chi En Shuen Abie Age: 19 	Bachelor of Veterinary Medicine University of Edinburgh, United Kingdom	Abie aims to promote sustainable food practices. She believes that her veterinary studies will provide invaluable exposure to different systems and equip her with necessary skills to proactively address challenges in food security. Abie understands that food safety and security is paramount for a small country like Singapore. She hopes to leverage her skills to optimise Singapore's limited resources. Her future involvement in research projects will further enhance her ability to understand and tackle the unique ecological challenges faced by Singapore, allowing her to contribute innovative solutions from a veterinarian's perspective.
4	Ezann Ng Hui En Age: 19 	Bachelor of Food Science and Technology with a Minor in Entrepreneurship National University of Singapore, Singapore	Ezann shared that with her background in both biology and visual arts, she saw SFA as the ideal agency to explore her passion, particularly in genetic modification of fish for enhanced nutrition and disease resistance. Her interest in sustainability was sparked during a geoscience challenge back in Junior College, leading her to apply for a scholarship with a focus in food science. Ezann expressed her interest in posting to Divisions such as Urban Food Solutions and National Centre for Food Science amongst others, given the alignment of the work of these Divisions with her biology and food science interests.
5	Ko Hui Ying Age: 19	Bachelor of Science in Molecular and Cell Biology	Hui Ying shared that her passion for food was nurtured by her upbringing in Penang where she often spent time cooking and gardening with her mother. From this, she discovered the freshness and quality of homegrown produce, sparking her interest in agriculture and aquaculture.

S/N	Name and age	Course and University	Profile
		University of California (San Diego), United States	Hui Ying plans to delve into research and development to optimise food production methods, and in the longer term, contribute to policymaking in the agricultural sector.
6	Tey Kai Yi Age: 23 	Master of Food Science (Coursework) University of Melbourne, Australia	<p>Kai Yi expressed that her interest in the food industry was ignited during the Covid-19 period. This period heightened her awareness of the critical importance of food safety and security, as well as the susceptibility of Singapore to disruptions in the global supply chain. Kai Yi aspires to gain a comprehensive understanding of the intricate food safety challenges faced by Singapore, and the opportunity to contribute to SFA's 30 by 30 vision meaningfully.</p> <p>Kai Yi outlined her desire to explore innovative solutions, address current issues, and immerse herself in the domain of food in SFA. Her goal is to play a role in advancing food safety and security in Singapore.</p>

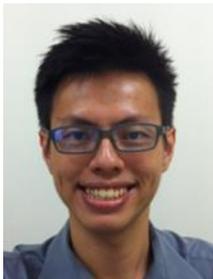
Profiles of In-service Scholars

Ministry of Sustainability and the Environment

S/N	Name and age	Course and University	Profile
1	<p>Ng Weixin</p> <p>Age: 38</p> 	<p>Global Executive Master of Business Administration</p> <p>INSEAD</p>	<p>Current Designation: Director, Public Sector Sustainability Office</p> <p>As the Director at the Public Sector Sustainability Office, Weixin leads his team in coordinating the Singapore Green Plan 2030 and develops policies to achieve carbon abatement and resource efficiency for the public sector under the GreenGov.SG initiative.</p> <p>By pursuing the Global Executive MBA, he will develop his leadership style through interactions with global leaders from a wide range of industries and fields. It will allow him to gain the skills and insights needed to be a future-proof leader.</p>

National Environment Agency

S/N	Name and age	Course and University	Profile
1	<p>Mohammad Djamil</p> <p>Age: 44</p> 	<p>Master of Public Health</p> <p>National University of Singapore</p>	<p>Current Designation: Deputy Director (Integrated Operations Department), Vector Control Operations Division</p> <p>Djamil’s role is responsible for executing strategies and devising plans to maintain a low vector population in Singapore. His current focus is on the prevention of mosquito and rat associated diseases, and he has vast experience in managing a wide range of municipal issues, through enforcement and outreach.</p> <p>The Master of Public Health programme will enable Djamil to build a stronger foundation in the principles of public health, epidemiology, and disease prevention. It will also broaden his understanding of a wider range of public health challenges faced by countries around the world. Being an international travel and business hub, Singapore is vulnerable to imported diseases such as COVID-19 and endemic diseases such as dengue.</p> <p>Attending this programme will ensure that Djamil is nimble to cope with future challenges. Coupled with his extensive experience in the field, the Master programme will boost his ability to devise robust and sustainable policies, taking into consideration the challenges his colleagues face on the field. This will further enhance NEA’s ability to better manage crises and cement Singapore as a role model and coordinating centre when it comes to the management of vector borne diseases. In addition, it will also enhance his personal and communication skills through the networking opportunities with subject matter experts, medical professionals and like-minded individuals who have a passion for the environment. This is an important aspect of his work as he leads high-level engagement with key stakeholders including government bodies, and more importantly, foreign counterparts during official trips abroad. This will maintain the exceptional impression of Singapore as a leader in this field.</p>

S/N	Name and age	Course and University	Profile
2	<p>Tay Wei Ping</p> <p>Age: 39</p> 	<p>MSc Climate Change, Management & Finance</p> <p>Imperial College London, United Kingdom</p>	<p>Current designation: Deputy Director (Hawker Policy & Planning Department), Policy, Programmes and Engagement Division</p> <p>Wei Ping's work involves formulating and implementing policies that not only preserve but also elevate Singapore's hawker culture, ensuring its sustainability for future generations. This includes long-term planning of our hawker centres, as well as developing policies and initiatives that support the operational efficiency, vibrancy, resilience, and financial viability of our community dining rooms.</p> <p>The MSc in Climate Change, Management and Finance course is an interdisciplinary course of study that will provide Wei Ping with the knowledge and skills to address environmental challenges more effectively and integrate climate resilience into our hawker policies. At the broader level, this course can help him gain new insights and skills in policy development and climate finance. With this, he will be better positioned to drive innovative and effective solutions that can contribute to Singapore's sustainability goals and help make Singapore a green and livable home for the future generations.</p>
3	<p>Tein Jun Gang</p> <p>Age: 37</p> 	<p>Master of Science (Environmental Technology)</p> <p>Imperial College London, United Kingdom</p>	<p>Current designation: Senior Assistant Director (Department of Sustainable Packaging Policy), Sustainability Division.</p> <p>Jun Gang works closely with both internal and external stakeholders to develop policies on sustainable packaging waste management such as mandatory packaging reporting and beverage container return scheme.</p> <p>As this is an interdisciplinary course, there is a balance between business and sustainability modules to understand the links and interactions between the two. The course also provides valuable learning and networking opportunity with guest speakers from the private as well as public sectors sharing their experiences in sustainability.</p> <p>By pursuing a Master of Science in Environmental Technology, this will broaden and deepen his knowledge on tools, technologies as well as policies of sustainable environmental management to support Singapore's efforts in driving climate action and striving for resource resilience.</p>

S/N	Name and age	Course and University	Profile
4	<p>Angela Tan Hiong Jun</p> <p>Age: 42</p> 	<p>PhD in Nuclear and Radioanalytical Chemistry/ Radiochemistry</p> <p>Technical University of Denmark (DTU), Denmark</p>	<p>Current designation: Deputy Director/Head (National Radiochemistry Laboratory), Radiation Monitoring and Services Division</p> <p>As the Deputy Director/Head of the National Radiochemistry Laboratory (NRL) in the National Environment Agency, Angela works with her team of scientific officers to conceptualise and establish the laboratory which is capable of monitoring and trending the radioactivity of key radioisotopes in our environment reliably. The NRL is a member of the IAEA Analytical Laboratories for the Measurement of Environmental of Radioactivity (ALMERA) Network and continues to do well in the IAEA's World-Wide Proficiency Test for radiochemistry laboratories.</p> <p>Through this scholarship, Angela will gain insights on the broader perspective of environmental pollution and acquire advanced knowledge and analytical techniques necessary to prepare the NRL for the future.</p>

PUB, Singapore's National Water Agency

S/N	Name and age	Course and University	Profile
1	<p>Faisal Ahmad</p> <p>Age: 37</p> 	<p>MSc Artificial Intelligence for Sustainable Development</p> <p>University College London, United Kingdom</p>	<p>Current designation: Senior Assistant Director, Smart Operations Division, Infotech and Digitalisation Department</p> <p>Faisal is responsible for implementing enterprise digitalisation projects using IoT, AI and digital twins to build a productive and future-ready PUB that can do more with less, and overcome anticipated challenges of increasing water demand, a shrinking workforce and evolving cyber threats.</p> <p>PUB is furthering its efforts to fully exploit the benefits of AI technology in delivering its mission and this would require a greater understanding of the technology and its potential applications within PUB. Pursuing a Master in Artificial Intelligence for Sustainable Development would allow Faisal to gain hands-on experience and deep dive into AI applications in the sustainability sector. With the knowledge gained from the course, he hopes to contribute towards integrating AI seamlessly into PUB's core operations and ensuring its effective management.</p>
2	<p>Xingxia Chen</p> <p>Age: 38</p> 	<p>MSc Systems Engineering Management</p> <p>University College London, United Kingdom</p>	<p>Current designation: Senior Assistant Director, System Operations, Joint Operations Department</p> <p>Xingxia leads a team of officers at PUB to ensure efficient and optimal management of Singapore's water system through systems planning, as well as coordinating and executing joint operations command and control. She is also responsible for development of the Intelligent Water Management System to support daily operations and incident management.</p> <p>Pursuing a Master in Systems Engineering Management will equip Xingxia with advanced problem-solving skills and strategic planning capabilities, allowing her to explore opportunities to optimise the management of Singapore's water system in a</p>

S/N	Name and age	Course and University	Profile
			manner that aligns with PUB's mission, thus ensuring the long-term resiliency of Singapore's water resources.

Singapore Food Agency

S/N	Name and age	Course and University	Profile
1	<p>Ang Yi Li</p> <p>Age: 38</p> 	<p>Master of Science (by Research), Food Science, National University of Singapore, Singapore</p>	<p>Current designation: Senior Scientist, National Centre for Food Science (NCFS), Food Science Rapid Response Department, Inorganic Chemistry Branch</p> <p>At NCFS, Yi Li conducts research work relating to food safety toxicity effects of environmental and process contaminants.</p> <p>For her Master, Yi Li is studying the toxicity of environmental contaminants that might be present in food. The knowledge and skills during her course of study will equip her to contribute to the food safety scientific research work done.</p>
2	<p>Hoon Shi Cherin</p> <p>Age: 38</p> 	<p>Master of Sustainability Singapore Management University, Singapore</p>	<p>Current designation: Deputy Director, Joint Policy and Planning Division, Planning & Organisation Department</p> <p>Cherin works with her team to shape SFA's longer-term plans and organisational priorities through timely strategic reviews, corporate planning, enterprise risk management, resource management, and organisational development initiatives.</p> <p>The Master in Sustainability will enable her to gain a better understanding of the sustainable use of organisational and natural resources, as well as leverage the knowledge and experience of industry leaders, to better contribute to SFA's and MSE's efforts to build a food secure, climate resilient and environmentally sustainable Singapore.</p>

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3	<p>Ong Yihang</p> <p>Age: 38</p> 	<p>Master of Engineering (by Research), Chemical and Biomedical Engineering</p> <p>Nanyang Technological University, Singapore</p>	<p>Current designation: Assistant Director, Urban Food Solutions Division, Agriculture Department</p> <p>Yihang is currently working on a research project that explores the production of microalgae-based single-cell protein (SCP) as a sustainable alternative feed ingredient for Asian seabass in Singapore's aquaculture industry.</p> <p>This project will contribute to Singapore's food security and sustainable aquaculture goals by identifying a locally produced, non-competitive, and land-intensive protein source for aquafeed. This will enhance the resilience of local fish production, aligning with SFA's objectives. The project findings will also value-add to Yihang's work by providing insights into the potential of microalgae-based SCP production, paving the way for further research and innovation in sustainable protein sources for the aquaculture industry.</p>
4	<p>Pang Jing Ren</p> <p>Age: 35</p> 	<p>Master of Science, Food Science and Human Nutrition</p> <p>National University of Singapore, Singapore</p>	<p>Current designation: Team Lead at Joint Operations Division, Operations Management Department</p> <p>As the Team Lead, Jing Ren and his team run operations which cut across SFA's regional offices, in conjunction with other agencies such as ICA, NParks, NEA and MOH. These operations include surprise checks on potential illegal imports, targeted operations against food businesses with poor track records, and recalls of unsafe food products from the market.</p> <p>Through his studies, Jing Ren hopes to improve his adaptability to the rapidly changing food landscape, gain hands-on experience, acquire advanced problem-solving skills, and develop innovative solutions to problems related to the food and nutrition industry.</p>

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5	<p>Qian Siyu</p> <p>Age: 31</p> 	<p>Master of Public Administration</p> <p>Harvard Kennedy School, United States</p>	<p>Current designation: Deputy Director at Licensing Division, Licensing Management and Development Department</p> <p>Siyu oversees the development of policies for the licensing of food businesses in Singapore to ensure food safety. Through the course, she hopes to learn from her peers, benefit from their wisdom, and gain fresh insights, to become a more well-rounded policymaker.</p>
6	<p>Wong Yelin</p> <p>Age: 35</p> 	<p>Master in Epidemiology of Infectious Diseases and Antimicrobial Resistance</p> <p>University of Glasgow, United Kingdom</p>	<p>Current designation: Principal Veterinarian/ Director at Joint Operations Division, Risk Management and Surveillance Department</p> <p>Yelin and her team are responsible for the accreditation of overseas sources for livestock, meat, and eggs before they are imported into Singapore, to mitigate food safety risks and animal diseases from these sources which may affect public health and trade. The completion of her course will allow her to gain better insights to facilitate the assessment of overseas food sources.</p>