

# Highlights from NISTH

A look into what NISTH's been up to during October and November 2019.

## *YGL-NTU Executive Education Programme*

NISTH organised the education programme for 33 World Economic Forum (WEF) Young Global Leaders (YGL) from 29 October to 2 November 2019. These YGLs, including public officials, business innovators, technology developers and activists, are part of a community of highly accomplished people with the vision, courage and influence to drive positive change in the world.

The leadership programme with the theme 'Smart Cities' aims to bring in young leaders from around the world to learn from Singapore as a case study for understanding urban development, urban management and urban leadership.

During their stay in Singapore, the YGLs visited agencies such as Land Transport Authority (LTA), Housing Development Board (HDB), Urban Redevelopment Authority (URA), Lee Kong Chian (LKC) School of Medicine Novena, Health City Novena, NTU Centre of Excellence for Testing & Research of AVs (CETRAN) and the Urban Mutations exhibition organised by Science Centre Singapore and the French Embassy.

Through examining the management of different sectors of the urban economy in Singapore, this programme gave critical insights and helped prepare the YGLs interested and invested in improving urban development and livelihoods to lead their cities into the future.



Clockwise from left to right:

YGLs (1) checking out the Island-Wide model at URA which featured Singapore's water catchment areas, green spaces and transport system, (2) sharing insights of their findings over the week, (3) learning about HDB's new planning focuses and (4) meeting President Subra Suresh



# Global Digital Art Prize 2019



The winners of the inaugural NTU Global Digital Art Prize (GDAP) jointly organised by NISTH and School of Art, Design and Media (ADM) were announced on 11 October 2019.

The biennial international competition seeks to recognise outstanding creativity in art, design and cultural heritage that makes significant use of digital tools in its creation. The theme this year is 'The Fourth Industrial Revolution', which aims to highlight the impact of technological transformation on society and the human condition, as the convergence of the physical, biological, and digital worlds brings about numerous opportunities and challenges.

Berlin-based media artist Marco Barotti beat over 440 entries to win the first prize in the Professional (International) category, while NTU fresh graduate Bao Songyu wins the top prize in the Students (Singapore) Category.



## Impact of Digital Transformation & AI on Precision Medicine by Mr Glen de Vries on 11 September 2019

Mr de Vries, President and Co-Founder of Medidata Solutions gave a talk to share his career journey, the role of digital transformation and artificial intelligence in the age of precision medicine and what the life sciences and clinical trials industry will look like in the next 10 years.

Due to time constraint, Mr de Vries was unable to answer all questions raised during Q&A. He has kindly recorded a video to answer the following questions and more:

- Is there a risk that data-based medicine might lead to reductive understanding of health that doesn't tackle social and economic dimensions?
- Handling population bias when sampling for a new experience?
- Why has cancer disease not progressed to using precision medicine using AI in clinical setting?

To view the video, please visit the NISTH website.



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