

## Reimagining Education and Research through the Culture of Innovation

A case study at National University of Singapore (NUS) Libraries

Dr Magdeline Ng | Vice University Librarian

o.nus.edu.sg 🌐 🛛 @nuslibraries 🧿 🖪 in 💽



### Find Us – NUS Libraries



|  | Email     | magdeline.ng@nus.edu.sg  |
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|  |           |  |



### Acknowledgements

Special thanks:

Colleagues from NUS Libraries who have contributed to the content of the porgrammes and initiatives. Especially to my colleagues, whose programmes are featured in these slides. A shout out to our faculty partners from various disciplines. All the NUS colleagues and librarians who have contributed in one way or another



# **About NUS Education & Research Ecosystem**

### **Visions and Missions**

#### NUS VISION

A leading global university shaping the future

**NUS MISSION** To educate, inspire and transform

#### **NUS LIBRARIES VISION**

A leading global academic library

- Impacting research
- Enriching learning
- Revitalising experiences

#### **NUS LIBRARIES' PURPOSE**

Empower the NUS community with information resources, knowledge networks and interactive platforms to advance interdisciplinary learning, research and innovation

#### **NUS Libraries**





**Central Library** 



Wan Boo Sow Chinese Library

DIGITAL



heast Asia





Biodiversity Library of Southeast... Digital library of biodiversity literature on i Yan is a man with a hundred talents.

Carl A. Trocki Private Papers

China Meteorological Publication Carl A. Trocki is an American historian A digital collection of daily China

HON SUI SEN

Hon Sui Sen

Memorial

Library

#### https://nus.edu.sg/nuslibraries





Earl of Cranbrook Private Pa The fifth Earl of Cranbrook is a specialist in swiftlet studies. The Earl

Edwin Thumboo is a renowned a poe and academic in Singapore. The.

#### **Digital Library**

C J Koh Law

Library

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Library



Library@UTown /Yale-NUS College Library

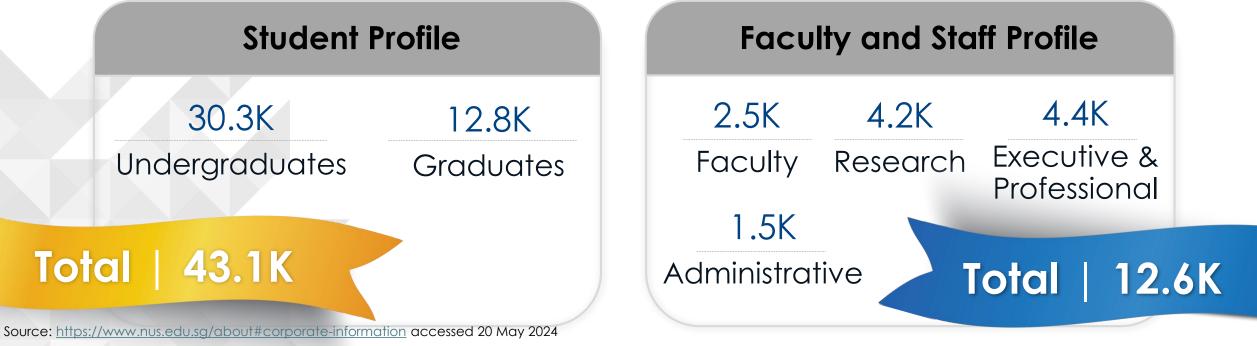


Medicine+Science Library



### **NUS Today**

3Campuses6Research<br/>Centres of Excellence\*6Colleges, faculties,<br/>and schools37University-level Research<br/>Institutes and Centres



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\* 4th Research Centre of Excellence shared with Nanyang Technological University

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### **Educational reforms**

**College of Humanities and Sciences** officially launched a new college that will bring together two of its oldest faculties - **arts and social sciences, and science** - and take in more than 2,000 undergraduates.

Prof Tan said, "So the graduates of the future must be well prepared to navigate this new terrain and solve complex problems from multiple fronts. They need to not just work alongside one another, but with each other."

To allow students more flexibility across disciplines, the College of Humanities and Sciences will also offer three new cross-disciplinary degree programmes from next year, in data science and economics; environmental studies; and philosophy, politics and economics. **College of Design and Engineering** – a fusion of the Faculty of Engineering and School of Design and Environment – is a future-focused, interdisciplinary learning and research institution designed to advance the applications and professions of **Engineering, Architecture and Design**.

Prof Ho said, "In the converging fields of engineering and design, professionals must be able to problem-find, ideate, build and realise their ideas into solutions that are practical, functional and appealing. This requires thinking and behaviour that reflect adaptability, empathy, creativity, and resourcefulness."

Source:

National University of Singapore. (2021, August 27). NUS launches two new colleges to deliver flexible, interdisciplinary education more accessibly, and at greater scale. NUS News. <u>https://news.nus.edu.sg/nus-launches-two-new-colleges-to-deliver-flexible-interdisciplinary-education-more-accessibly-and-at-greater-scale/</u>

https://chs.nus.edu.sg/2021/04/07/conversation-president-tan-eng-chye/

OECD

https://www.oecd.org/education/ceri/Presentation-Bernard-Tan-National-University-of-Singapore.pdf https://www.straitstimes.com/singapore/parenting-education/nus-launches-its-new-inter-disciplinary-college-of-humanities-and

### **Blended learning approach**





"In our view, fully virtual teaching and learning are still not satisfactory. But we will not be going back to the traditional sage-on-the-stage type of teaching,"...

"From NUS' perspective, we see a need to gear up professors and students to the **new type of teaching and learning**."

National University of Singapore. (2021, December 1). Delivering quality education through blended learning and international exposure. NUS News. <u>https://news.nus.edu.sg/delivering-quality-education-through-blended-learning-and-international-exposure/</u>

Slide adapted from Practices to Implement and Champion a Blended Learning Approach to Information Literacy at an Academic Library [Conference presentation]," by S. Lim, S. Wong and N.T.T. Ng, 2023, ALA, 2023

Singapore Journal of Library and Information Management • Volume 48 • 2022

Is the Future of Information Literacy Instruction Blended? Re-Imagining Information Literacy Instruction Post-pandemic

> Siu Chen LIM and Tao Tao Magdeline NG National University of Singapore Libraries Singapore

#### Abstract

Post-pandemic, blended learning is on the rise and librarians should keep pace with this new modality of teaching in their information literacy programmes. Following an introduction to the drivers of blended learning in higher education, the implementation of blended learning in information literacy programmes is discussed, including some examples from literature. Research-backed benefits of blended learning are then covered, together with some recommendations on factors that facilitate the adoption of blended learning in libraries.

Views Expressed Disclaimer: Views and opinions expressed in this article are the authors' own and do not represent that of the authors' place of work.

#### A Post-Pandemic<sup>1</sup> Vision for Information Literacy

Since COVID-19, librarians in Singapore, and indeed globally, have gotten into the swing of online delivery following a two-month closure of all physical university campuses in Singapore



Drivers of Blended Learning and Associated Factors

Challenges of Implementing Blended Learning and How Information Literacy Librarians Can Navigate These Challenges

https://libguides.nus.edu.sg/blend edlearning

Lim, S.C. & Ng, T. T. M. (2022). Is the future of information literacy instruction blended? Realmagining information literacy instruction post-pandemic. SJLIM, 44, 13-24.



### **Research, Innovation & Enterprise**

#### 8 key areas of focus

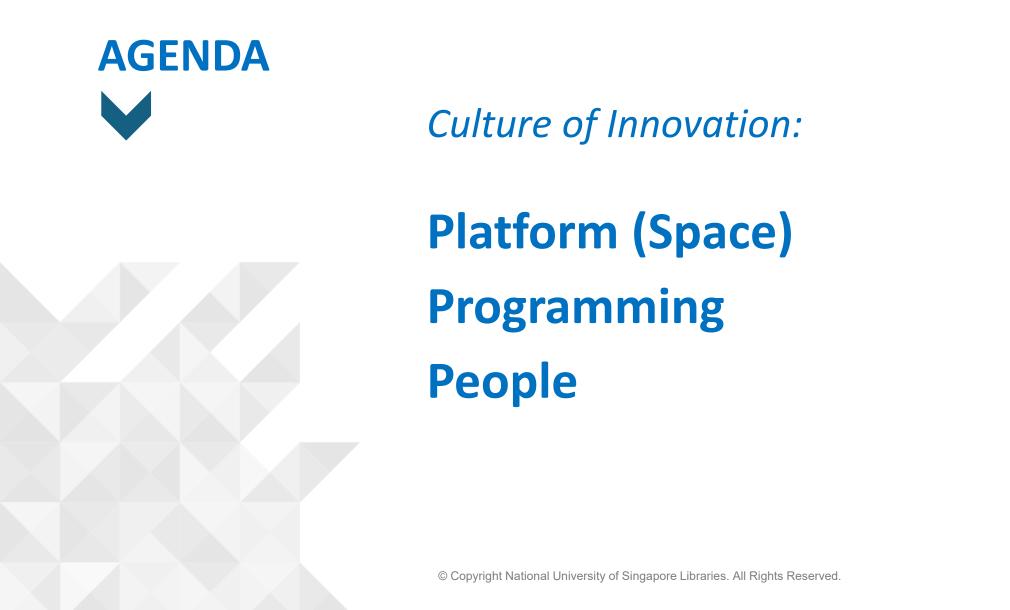
- Ageing
- Asian studies eg. political transition, migration, urbanisation
- Biomedical science & translational medicine
- Finance & risk management
- Maritime
- Material science
- Smart nation
- Sustainability & urban solutions eg. urban heat resilience, green energy, nature-based climate solutions

#### **Research excellence**

- ☆ 56K research & academic papers
- $\Rightarrow$  69% with international collaborations
- Research publications feature in the top 10% most cited journals worldwide
- $\Rightarrow$  FWCI 2.0
- $\Rightarrow$  2,369 new patent applications
- ☆ 504 patents granted

Source: https://nus.edu.sg/impactreport/shaping-future-solutions/









### Platform ⇔ Space

# New Spaces



### Technology Enhanced Teaching, Learning and Research



### **Escape Room**







#### **Tech Central Carnival**



The Future of Work starts with small changes

Issue 03, July 2023 Brought to you by Co-Creating the Future of Work @ NUS Agility Office

Our recent University-wide focus group discussions on the Future of Work uncovered innovative ideas from across NUS that are helping to improve our University culture in various facets. Focusing on a different theme each month, *Little Steps Forward* aims to amplify these examples, highlighting best practices and bringing attention to the creativity within our community.

This month we're focusing on innovation. A culture of innovation is one where we embrace new ideas, cultivate creativity and calculated risk-taking, as well as experiment with emerging technologies and start-up solutions. As one of the five NUS values, innovation is integral to our University identity and culture.







NUS Librarians created escape room games to introduce immersive technologies to the NUS community.

### NUS Librarians created AR and VR applications, 360 videos, and 360 tours.

© Copyright

### **Bringing collections ALIVE!**



"The Escape Room format gives us an opportunity to tangibly demonstrate how the digital and immersive technology available at Tech Central can really **enhance the learning experience**," said Dr Magdeline Ng, Cluster Head for NUSL's Digital Strategy and Innovation Cluster, adding, "It also gives us a chance to **let our community experience our wider collections in a different context** and show how **technology enables** us to look at topics in a fresh way."

https://panji360.github.io/main/index.html; https://www.ifla.org/news/nus-libraries-tel-imaginarium\_escape\_room\_ersity of Singapore Librarie adventure-discover-collections-through-immersive-learning/; https://www.instagram.com/p/ChlaCSLIdAp/?utm\_source=ig\_web\_copy\_link&igsh=MzRIODBiNWFIZA==



WHO WE ARE WHAT WE DO NEWS EVENTS RESOURCES

You are here: Home > News > NUS Libraries TEL Imaginarium Escape Room Adventure: Discover Collections through Immersive Learning

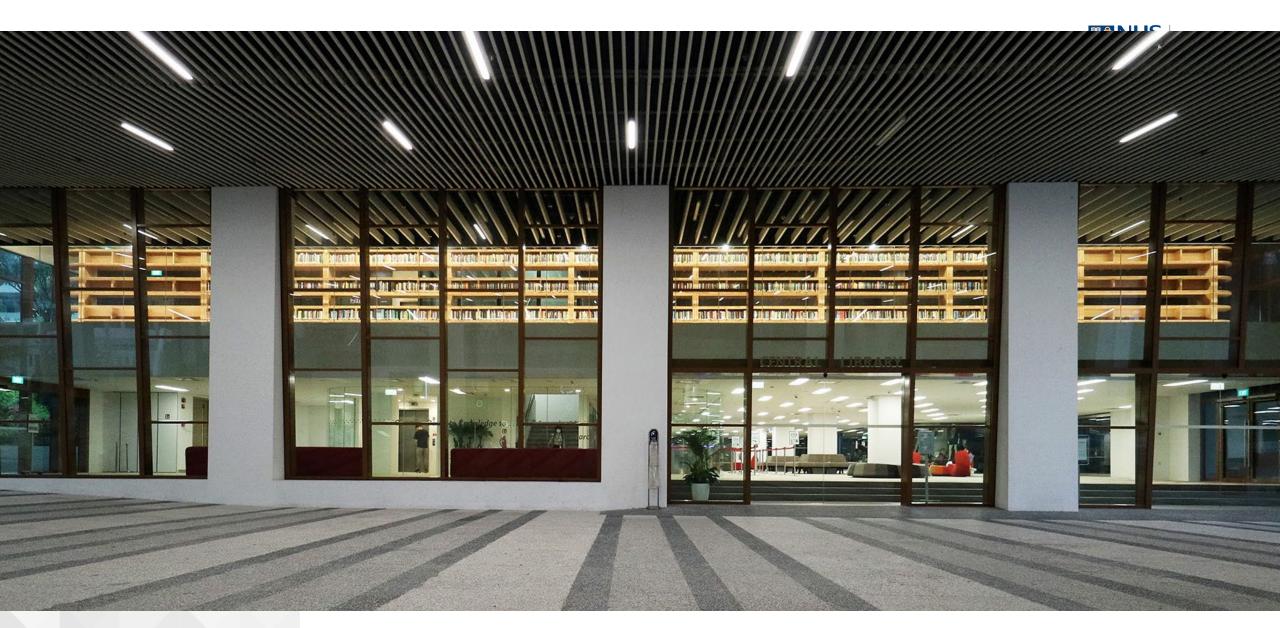
#### NUS Libraries TEL Imaginarium Escape Room Adventure: Discover Collections through Immersive Learning

#### 23 October 2023

A subway train is mysteriously stuck at an underground station in the middle of Singapore's oldest metro line, Bishan Station. Is it a creepy coincidence that the station sits on a historical graveyard, or something more sinister? Will you uncover the ghostly mystery impeding the train's journey, or remain trapped aboard the train forever?

No, this isn't the plot for Netflix's latest horror flick, but the storyline for a Halloween Escape Room, which National University of Singapore Libraries (NUSL) has organised every October, since 2020. Besides being a lot of good fun, it's also a great vehicle to showcase how NUSL harnesses technology to augment and enhance the university learning experience.





(top) Main entrance to the Central Library, © Copyright National University of Singapore Libraries. All Rights Reserved.

https://news.nus.edu.sg/bridging-knowledge-for-a-sustainable-future/

#### NUS news

#### 25 March 2021 | Highlights Research Community Sustainability

#### Bridging knowledge for a sustainable future



Present at the launch of BookBridge yesterday were (from left): Assoc Prof Okuda; Head of SDE's Department of Architecture Prof Ho Puay Peng; Mrs Lee and Prof Larn.

The NUS Central Library now features a new addition. Known as the BookBridge, it houses the library's rare book collection that needs to be stored in a controlled environment.

Designed as one of several central art pieces for the Central Library, the BookBridge is a first-of-its-kind bookshelf made from tropical Mass Engineered Timber (MET), a renewable, sustainable building material for architecture. It stands at approximately 31 metres in length, 0.6 metres in depth, 2.1 metres in height, and weighing about 3.6 tons, with shelving supports placed about 3.1 metres apart.

This was designed and developed by a team led by Associate Professor Shinya Okuda from the NUS School of Design and Environment's (SDE) Department of Architecture.

Mrs Lee Cheng Ean, the NUS University Librarian, who initiated the collaboration with the SDE team said, "The BookBridge which houses our valuable historical rare book collection takes centrestage in the NUS Central Library transformation project while actualising the practical use of tropical MET in design. The project also symbolises one of our missions of "bridging knowledge". We are very pleased with BookBridge's design philosophy and aestheticallypleasing sturdy installation, which fills our senses with the serenity of the sustainable tropical forest."



The BookBridge's three-layer composite shelves comprise acacia as inner layers and Forest Stewardship Council certified meranti wood as outer layers.

#### Designed with sustainability in mind

NUS Home

Assoc Prof Okuda was inspired to design the BookBridge using sustai team has been developing from tropical rainforests.

"Due to year-round sunlight, some plantation species in the tropics ma temperate climates. Currently, most of their use is limited to furniture, I timber components. Tropical MET can retain substantial quantities of a term, becoming an effective carbon sink and a true game-changer in t Okuda.According to the Building and Construction Authority, MET in g ratio than concrete, which may speed up construction time by up to 35 on its density, could also lock one ton of atmospheric carbon dioxide ir cubic metres of tropical MET.

As the rare book collection is meant for long-term display, a key engin deflection of the timber shelves, expected under gravity load. To mitiga structural engineers to strategically design the timber shelves with buil calculated deflection. Two types of fast-growing plantation timber were columns made of jabon wood that was developed by the SDE team ur Research Fund, with three-layer composite shelves consisting of acac

Council (FSC) certified meranti wood as outer layers.

All MET components were digitally fabricated with a computer numerical control milling machine in Singapore which enabled the level of precision required for the BookBridge project.





IC The BookBridge (in photo background) is one of the first structural applications of tropical Mass Engineered Timber and is one of the central art pieces in the NUS Central Library transformation plan. Fully visible from the public plaza, it houses a rare book collection, which needs to be stored in a controlled environment.

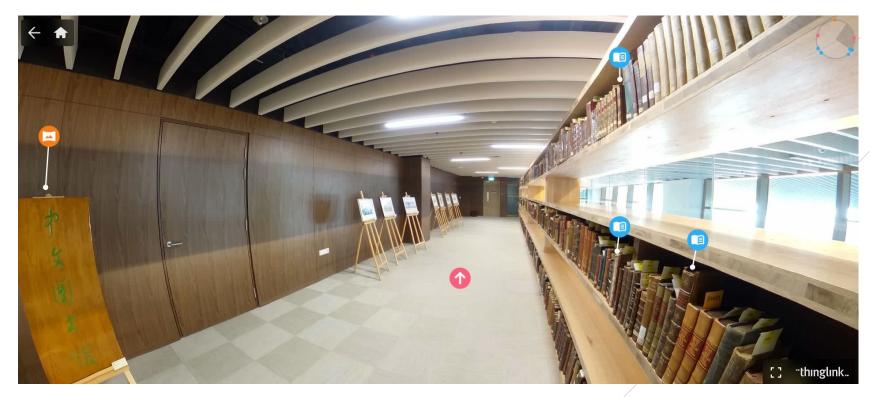
### 360° virtual tours of NUS BookBridge

- Using 360 Virtual Tour to enable access to rare books and manuscripts that are otherwise inaccessible - Providing access to our rare books collection through an online 360 tour
- Exposes our collection through an innovative and interactive platform
- A shift away from libraries being a custodian towards creating experiences and discovery

#### Explore <u>here</u>!

Tour developed by TEL Imaginarium with Collections team.

https://www.thinglink.com/card/1729811676544369317







### **360° virtual tours of NUS**

- Developing a series of virtual tours in conjunction with NUS Open House
- To date, 12 tours are launched, featuring 205 spots within NUS' campuses
- Showcase learning facilities and campus life to remote prospective students
- Partner with NUS Libraries since Nov 2020

Tours developed by TEL Imaginarium team in collaboration with Office of Admissions, with assistance from featured departments



NUS Open House



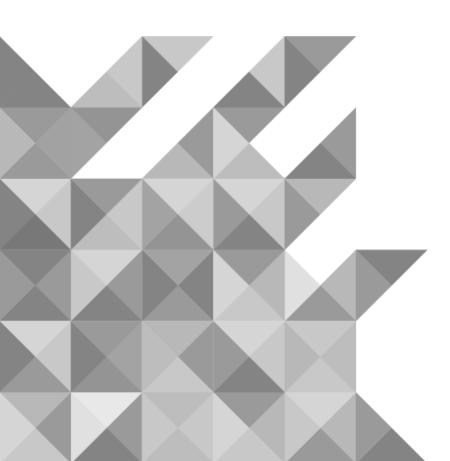


Welcome to Faculty of Science, CHS



https://nus.edu.sg/oam/why-nus/experiencesoratemves/earinpustourp/virturattoups Reserved.





### Leveraging on technology to bring collections ALIVE!





### Programming



### **Forensic Science**

FSC4203 : Forensic Toxicology & Poisons FSC4206 : Advanced Criminal Litigation – Forensics on Trial FSC5202 : Forensic Defence Science

- Developing XR and webGL experiences to complement teaching and learning allows students to explore crime scenes in a safe environment and reset the crime scene with the click of a button, reducing human error for multiple student groups
- Students were able to work in groups through Zoom using the webGL experiences during the pandemic, ensuring that their learning experiences were not disrupted
- Partner with NUS Libraries since Nov 2018

#### e.g. FSC4203 Forensic Toxicology & Poisons

(coordinator Prof Stella Tan and Dr Shawn)

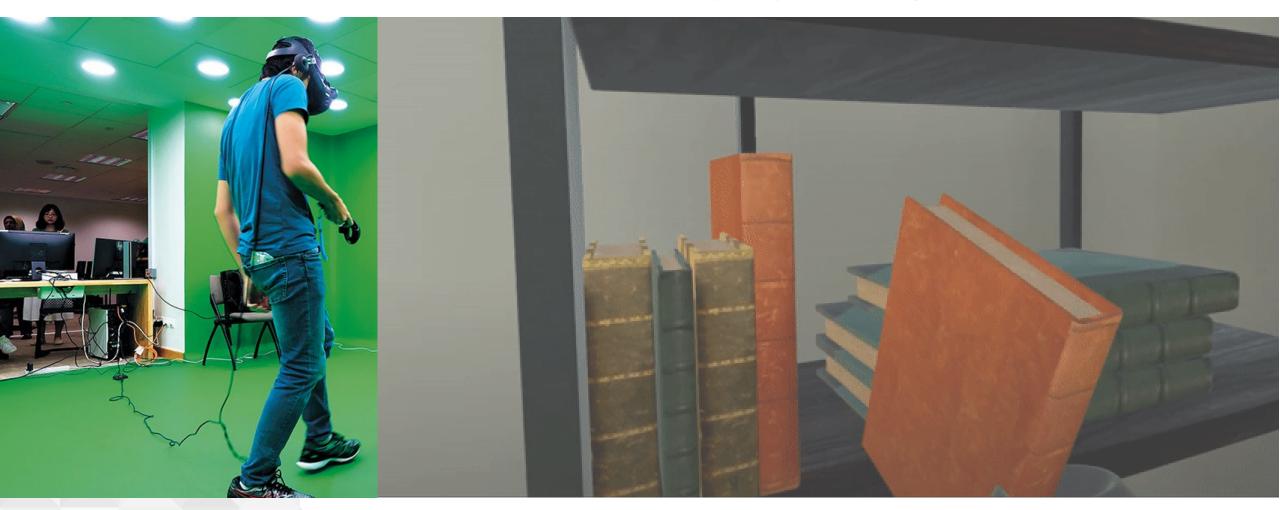
- VR, AR and web applications
- Students went through a VR crime scene to collect evidence which they would scrutinize further using the AR app. A web app then shows the potential suspects that they can question





### **VR Headsets and Controllers for Forensic Science Module**

Developed by librarians e.g. simulation of crime scene

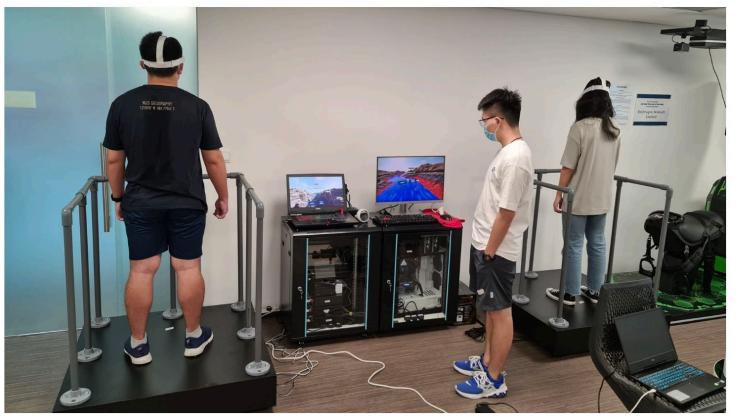


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National University of Singapore. (2021). Adapting to an Altered Reality. Faculty of Arts and Social Sciences; National University of Singapore. <u>https://fass.nus.edu.sg/news/2021/07/15/adapting-to-an-altered-reality/</u>

Video courtesy of Tel-Imaginarium Team https://nus.edu.sg/nuslibraries/spaces/tel-imaginarium

# Feel tremors under your feet or watch an ocean bed split open: VR tech brings geography lessons to life



Simulation scenarios include a major earthquake as viewed from an outdoor environment.

#### VR Project by Geography Professor



National University of Singapore. (2022). Feel tremors under your feet or watch an ocean bed split open: VR tech brings geography lessons to life. NUS News; National University of Singapore. <u>https://news.nus.edu.sg/feel-tremors-under-your-feet-or-watch-an-ocean-bed-split-open-vr-tech-brings-geography-lessons-to-life/</u>



### **Geography and Environmental Studies**

- Projecting a 360° film in 360imx can greatly enrich geography and environmental studies, allowing students to virtually explore global locations. This immersive experience deepens their understanding of diverse environments, landscapes, and cultures.
- Partner with NUS Libraries since June 2022

https://news.nus.edu.sg/new-360imx-takes-immersive-learning-to-new-heights-and-depths/



#### NUSnews

Home Highlights Research Press Releases News Reports Press Room Staff Awards

#### 20 June 2022 | Highlights Education

New 360imx takes immersive learning to new heights and depths



#### GE3255 – Dr.Gretchen Coffman

Roots to Reefs 360

ENV1101 – Dr. Chua Siew ChinOur Stake in the Forests 360





### **360imx: How it works**



### Used in geography modules for virtual field trips to facilitate "deep dive" e.g. underwater

Navigate 3D model

Simulate cites that no longer exist e.g. HSA1000: Asian Interconnections CHS integrated module



### Placemaking

Bring meaning to library spaces and beyond to meet diverse needs of the community!

e.g. activating a place as touchpoint, and community engagement.

### The Gimbap Rollvolution - Its History & Nutrition

() Tuesday, 27 February 2024, 11:00am - 02:00pm

 Atrium & Collaboration Space, Medicine+Science Library (Level 1)

Register Now!



https://nus.edu.sg/nuslibraries/researcher-unbound/current-workshops/the-gimbap-roll-volution

## Are Plants Our Saviour?

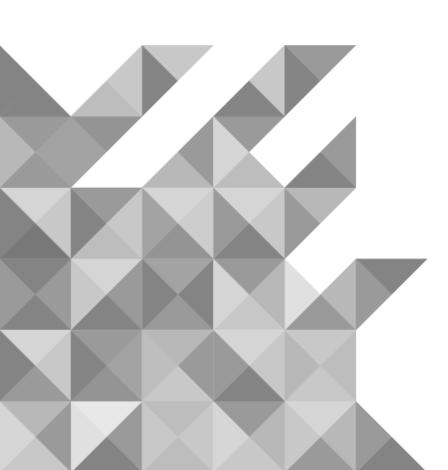
① Tuesday, 20 February 2024, 12:00pm - 01:00pm

Collaboration Space, Medicine+Science Library (Level 1) & Zoom

Registration Links Below

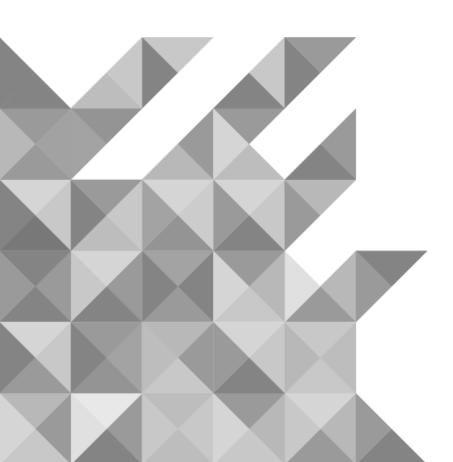






### Strategic partnerships and collaborations to foster interdisciplinarity!





### People $\Leftrightarrow$ Community

Series C by Ethan ZhangCheng@360imx, Central Library

Photography Journal Open Call (PJOC): A Collaboration with NUS Museum





### **Science Journalism Club**

Engaging students via the Science Journalism Club as co-creators to bring student activities into library spaces



- Library Showcase at Central Library (23/2/23 5/5/23)
- S&T Agora: Inner Worlds Photography competition at 360imx @ Tech Central (20/3/23 – 24 March 2023)
- Medicine+Science Library Opening Ceremony (1/8/23)
- Library Showcase at Medicine+Science Library Atrium (7/8/23 20/9/23)



aries



### **3D Modelling, Scanning and Printing**



NUS MUSEUM Archaeologist a Day

**Collection:** NUS Museum artefacts

3D scanning and printing for NUS Museum [Workshop] - Be an Archaeologist for a Day Throughout the scanning and printing procedures, the team also provided comprehensive training to NUSM colleagues, enhancing their expertise and proficiency.

#### NUS Librarians created 60 printed objects for this workshop

### **Library Fellowship Programme for Students**



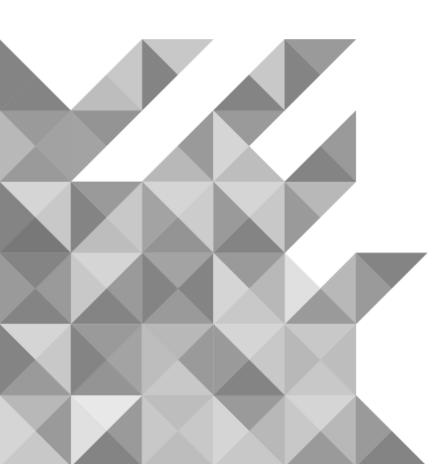
### **Opportunities for Students to Pursue Research with a Southeast Asia Focus**

- Students are encouraged to utilise and discover the richness of NUS Libraries' collections for their research and at the same time contribute towards our collection development
- Partnered with different subject librarians for mentorship
- Successful applicants will be offered a stipend during the course of their project



<sup>(</sup>top) Selected Fellows of 2024





## Students as partners and co-creators!



# Building capability and capacity - Librarians & Community



### Award of Innovations - QS Reimagine Education Award



**Roots to Reefs** 



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https://news.nus.edu.sg/new-360imx-takes-immersive-learning-to-new-heights-and-depths/

Librarians Shaping the Edu-Tech Landscape: NUS Libraries at EDUTech Asia 2023, Asia's Largest Conference for Educators



Home » Bulletin » Librarians Shaping the Edu-Tech Landscape: NUS Libraries at EDUTech Asia 2023, Asia's Largest Conference for Educators

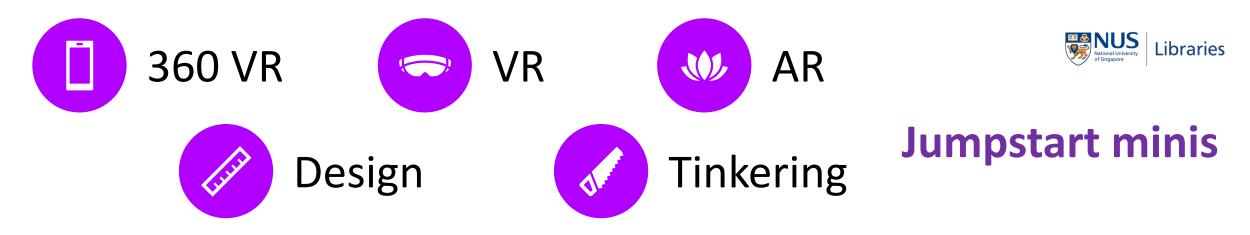


Librarians Shaping the Edu-Tech Landscape: NUS Libraries at EDUTech Asia 2023, Asia's Largest Conference for Educators

/ Bulletin, Librarian News / December 6, 2023

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https://www.las.org.sg/wp/blog/bulletin/librarians-shaping-the-edu-tech-landscape-nus-libraries-at-edutech-asia-2023-asias-largest-conference-for-educators/









Source: https://nus.edu.sg/nuslibraries/researcher-unbound/past-workshops/ay2022-2023



RESEARCHER

unbound+

### **Researcher Unbound: Flagship Programme**

- Open to NUS community
- Nearly 80 programmes a year for 3000 participants
- Interdisciplinary programme s to support learning and research
- Programmes in emerging areas such as use of ChatGPT for systematic reviews, DS Tools
- Partnership with relevant departments



RESEARCHER

unbound

#### **Research Skills Framework**

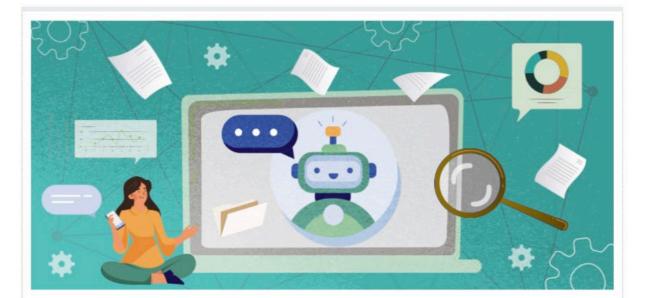
**RU-Mini** 

Researcher Unbound is underpinned by the Research Skills Framework (RSF) - designed to offer a holistic palette of relevant knowledge and skills to guide and enhance your research capabilities.

Mapped across the research journey, it comprises skills-based learning under 7 domains. Its user-centric design adopts a learner-centred approach, allowing you to select programmes to suit your research and learning needs.

Researcher Unbound was developed as part of our library's evolving role in supporting University research. The **book chapter** details the creation and design of the Research Skills Framework.





#### Let's Chat! Using ChatGPT to Conduct Searches for Literature & Systematic Review

#### DATE & VENUE

#### 9 May (Tue), 10am - 11.30am Digital Scholarship Lab, Central Library Level 4

ChatGPT has taken the world by storm in recent months, generating a spark of interest as well as trepidation in many. Join us in this open discussion where we will explore the potential of using ChatGPT... <u>Read More »</u>



#### RESEARCHER unbound

#### Outline

- 1 Explore a research topic
- 02. Uncover research gaps in the literature
- Generate search statements for literature & systematic reviews





Ideate



### Scope & frame an idea for your research

- Articulate, define, frame ideas to demonstrate the novelty of your research or to identify gaps in research
- Apply various methods, techniques, tools and filters to critique existing research or discover emerging trends

#### Search

### Conduct effective literature search to support your research

- Plan, construct and adopt various search strategies according to the sources, scope and information needed
- Match information needs and search strategies to the appropriate search tools and databases

### **RU-Mini**

### Fun-size sessions to maximise learning. Short in duration, big on content.



#### 25 Jul (Tue), 10am – 10.30am Speed up Systematic Review with Rayyan

SEARCH

Rayyan is a free web-based tool that dramatically speeds up systematic review. Join us to catch a glimpse of its features and how to use this collaborative tool to accelerate the screening process in a systematic review.

#### **Demo: Al-Powered Rating System**



https://help.rayyan.ai/hc/en-us/articles/17461088734353-Using-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Rayyan-s-Predictions-Classifier-for-Relevance-Ranking-Ray

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| Medication Error     Overview Review Data      Al Assistant Screening  | Q Search    |                                    | Upgrade                       |  |  |
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| ⊌ Undecided ∨  | <u>t</u>    | Rating Filters                     | م                             |  |  |
| □ Title ↓  | Ratings 🕹   |                                    | Engble filter                 |  |  |
| Association between Adherence to Recommended Care and Outcomes for Adult Survivors of Sepsis.  | 16.16       | Enhance your view! Tap to activate |                               |  |  |
| Patient safety in palliative care: A mixed-methods study of reports to a national database of serious incidents.   | 16-16       | filters fo                         | filters for advanced results! |  |  |
| How many older adults receive drugs of questionable clinical benefit near the end of life? A cohort study.   | 16          | ( Topics                           |                               |  |  |
| Impact of Pharmacist Involvement in Heart Failure Transition of Care.  | 16          | Select All                         |                               |  |  |
| Pro re nata prescribing in a population receiving palliative care: a prospective consecutive case note review.   | 16          | Humans                             | 172                           |  |  |
| Dangerous Ideas: GPs should stop prescribing opioid medication except for palliative care.   | 16          | Aged                               | 100<br>87                     |  |  |
| Appropriate medication use in Dutch terminal care: study protocol of a multicentre stepped-wedge cluster randomized<br>controlled trial (the AMUSE study). | 8           | Male     Aged, 80 a                | and over 75                   |  |  |
| Polypharmacy and Potentially Inappropriate Medications in Patients With Advanced Cancer: Prevalence and Associated   | 8           | Palliative     Retrospec           |                               |  |  |
| Vinclude ? Maybe X Exclude Exclude with Reasons A Label Add not  | te          | Middle Ag     Polypharm            |                               |  |  |

1. Make at least 50 include/exclude decision

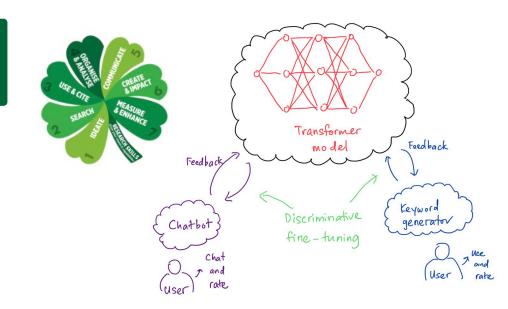
#### 2. Click Compute Ratings

Note: Al engine calculate probability of each undecided references being include/excluded based on decisions made Each undecided reference will be assigned a rating from **2 thumbs down** - near zero likelihood of inclusion to **2 thumbs up**- very high likelihood of inclusion, and **?** for no recommendation

#### Organise & Analyse

#### Collect, store, organise, manage & analyse information effectively

- Apply latest tools for research collaboration and keeping current in your field of research
- Apply digital research methods and tools to visualise and analyse data





### **AI x INFORMATION**



09:00-10:30 a.m.

(Bangkok Time)



สำนักงานวิทยทรัพยากร OFFICE OF ACADEMIC RESOURCES

#### THE SEMINAR SERIES IMPLEMENTATION **NAVIGATING THE** AI

### **AT ASEAN LIBRARIES** 25 APRIL 2024



Join us for an online seminar series, presented in collaboration by the Office of Academic Resources at Chulalongkorn University and the libraries of the National University of Singapore and the Singapore Management University. Let's explore knowledge sharing and discussion on AI practices in library operation and services among our library friends, fostering a community of practice that is well-equipped to navigate the digital future.

Session 1: An "Aye" for AI? NUS Libraries' journey with adopting AI

Find out how NUS Libraries equips users to use AI responsibly

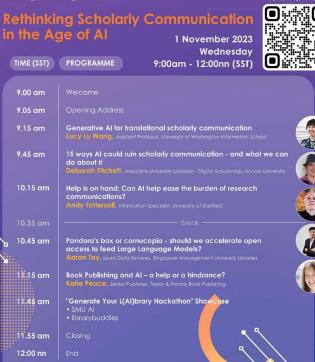
- Learn how NUS Libraries uses AI to improve its services
- · Gain insights on collaboration strategies and overcoming roadblocks to successful AI adoption



Eng Aun CHENG Principal Librarian (Library Data Analytics and Procurement Manager



### SAUL-RSTF WEBINAR 2023 🔗



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### PLATFORM (SPACE)

### Leveraging on technology to bring our **collections ALIVE**!

### PROGRAMMING

### Strategic partnerships and collaborations to foster interdisciplinarity

### PEOPLE

### **Students** as partners and **co-creators**! Building capability and capacity – **Librarians & Community**

"When we come together as communities, that's where magic happens."

### The Way Forward

Many libraries are rethinking and reimagining what a library truly does. Being part of the management team, we have to rethink the academic library in today's educational landscape. I see libraries as dynamic hubs where librarians transcend the traditional role of being custodians of knowledge and material, into creators of experiences and discovery for our community and beyond.

Magdeline Ng

Source: <u>https://www.rsc.org/journals-books-</u> <u>databases/librarians-information/library-</u> <u>insights/librarian-spotlight-magdeline-ng/</u>



## Find Us – NUS Libraries

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