

Singapore Management University

Institutional Knowledge at Singapore Management University

Research Collection Library

SMU Libraries

11-2021

Information literacy implementation in SMU

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Part of the [Information Literacy Commons](#)

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Information Literacy Implementation in SMU

APISI School Library & Literacy Festival (SCHOLAR LIFE) 2021

Rajen Munoo & Li Zhenyan, Learning & Engagement
Singapore Management University Libraries



AGENDA



- Introduction: About SMU and SMU Libraries
- Part 1: Information & Digital Literacy Programmes
- Part 2: Library Peer Advisors
- Chat Activity: Implementing Ideas
- Q&A

Introduction: About SMU & SMU Libraries

About SMU

- Founded in 2000
- Focus on Management, Social Sciences, Technology and their intersections
- Aim to produce leading edge research that has global impact

Our Students

9,580

full-time undergraduates*

Our Graduates

34,346

undergraduate and postgraduate alumni

3,086

full-time & part-time postgraduates*

* As of 13 September 2021

388

full-time faculty

39%

international faculty [non-Singapore Citizens and non-Singapore Permanent Residents]*

26

different nationalities*



DIGITAL TRANSFORMATION

- Spearhead cutting-edge ideas to digitally transform the private and public sectors
- Develop robust insights into the impact of digitisation on customer and citizen experience



SUSTAINABLE LIVING

- Drive solutions in managing climate change and sustainable city living, enhancing quality of life
- Shaping legal and regulatory frameworks to build healthier and happier societies



GROWTH IN ASIA

- Offer a deep understanding of Asia's economy, polity and society
- Contribute to the region's growth and manage the ensuing impacts

<https://www.smu.edu.sg/>

Libraries

SMU Schools and Research areas



**School of
Accountancy**

- Corporate Reporting & Disclosure
- Corporate Governance, Auditing & Risk Management
- Financial Intermediation & Information
- Financial Performance Analysis
- Accounting Information System



**Lee Kong Chian
School of Business**

- Organisational Behavior & Human Resources
- Strategy & Organization
- Finance
- Quantitative Finance
- Operations Management
- Marketing
- Corporate Communication



School of Law

- Asian and Comparative Legal Systems
- Public International Law, Regional and Trade Law
- Corporate Finance and Securities Law
- Private Law
- Innovation, Technology and the Law
- Dispute Resolution
- Legal Theory, Ethics and Legal Education
- Public Interest Law, Community and Social Justice
- Public Law



**School of
Social Sciences**

- Sociology
- Political Science
- Psychology
- Humanities



**School of
Economics**

- Economics Theory
- Econometrics
- Applied Microeconomics
- International Economics
- Macroeconomics



**School of
Information Systems**

- Data Science & Engineering
- Cybersecurity
- Information Systems & Management
- Intelligent Systems & Optimization
- Software & Cyberphysical Systems

Introducing SMU Libraries

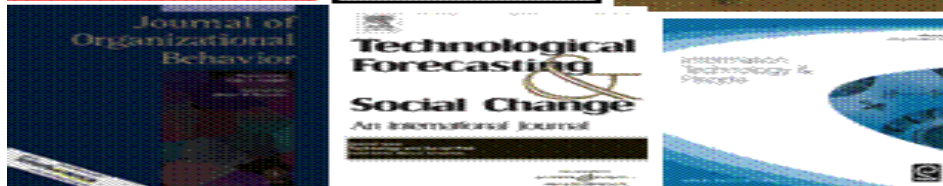


Li Ka Shing Library



Kwa Geok Choo Law Library

Quick Facts



550,000+ books (Over 85% e-books)

80,000+ electronic journals

170+ databases

11,500+ full text papers in InK

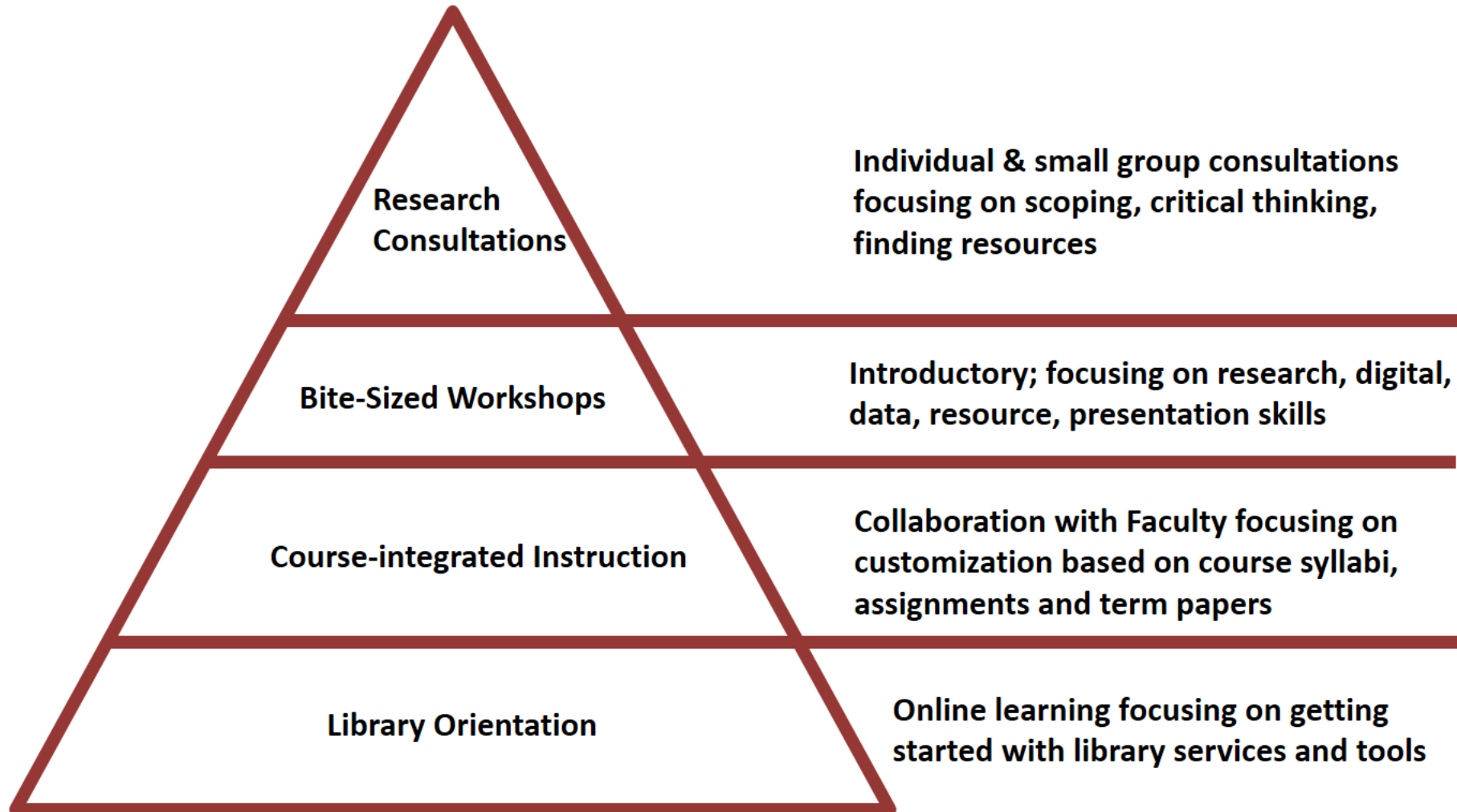
34,000+ titles of streaming media

eTextbooks and Open Educational Resources

Popular reading - online and in print: e.g. Wall Street Journal, FT.com, lifestyle books

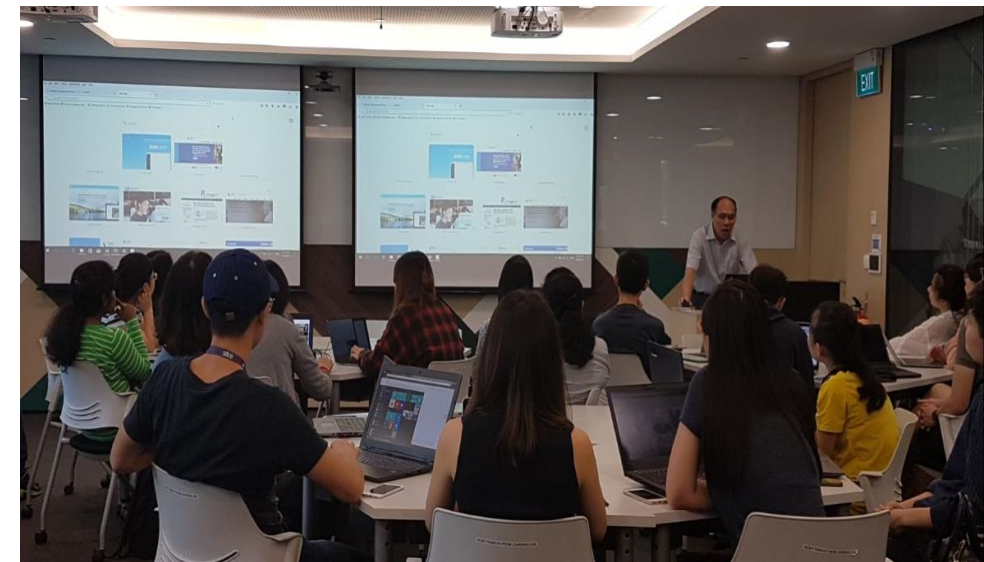
Part 1: Information & Digital Literacy Programmes

Information & Digital Literacy Model



Implementers: Research Librarians

- Develop and teach information and digital literacy programmes
 - Provide research support and advice
 - Build and manage collections
 - Conduct advocacy and outreach activities and programmes
 - Collaborate closely with faculty and across the University to enhance teaching, learning and research through the skilled and ethical use of library services and resources.
 - Contribute to the development and delivery of a range of services designed to maximize the benefits of research tools, scholarly information resources, citation metrics, research data, open access, and other relevant services and practices.
- **Conduct Course-integrated Workshops**
 - Teach customized course-integrated classes which is aligned to the academic term.
 - Equip students with critical thinking skills to undertake scholarly research through in-class teaching and follow-up research consultations for their projects and assignments.
 - Design and develop online learning objects as such courses (e.g. Avoiding Plagiarism through the APA Style, The Research Process) and research guides to enhance student learning.



LA 1: Finding Your Course Reading Using the Library Search

Estimated time to complete: 20 minutes



LA 2: Avoiding Plagiarism Through the APA Style

Estimated time to complete: 60 minutes



LA 3: The Research Process

Estimated time to complete: 60 minutes

Finding a Hook: Beyond the Classroom

“Apart from the academic curriculum, we prepare our students well for the workforce by equipping them with the knowledge, experience, and skills sought after by employers. SMU students have various opportunities for global exposure, community service, and internships, and these prepare them to become well-rounded individuals and leaders.”

SMU Provost, Professor Lily Kong.

(Source: SMU’s 2017 fresh graduates see increase in employment rate and all-time high for mean starting salaries in latest employment survey.

https://www.smu.edu.sg/sites/default/files/smu/news_room/SMU%20GES%202017%20Media%20Release.pdf)

To collaborate with the Office of the Dean of Students (ODOS) to recognise out-of-classroom learning hours. This can be included in student’s transcripts as part of their co-curricular activities (CCA) and offer e-certificates on demand. This is in line with employers wanting skills beyond academics and grades.

Overview: Bite-Sized Workshops



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By Title

By Category

- Any -

Apply

20 Aug 2021



Mon 23 Aug	Tue 24 Aug	Wed 25 Aug	Thurs 26 Aug	Fri 27 Aug
<p>4 - 5 pm Key Presentation Skills 212 / 75 (max)</p>	<p>4 - 5.30 pm R EP1: Making Your Research Reproducible with R Markdown in Rstudio 161 / 124</p>	<p>10.30 - 11.30 am Matrix EP1: Become Aware of Your Imperative 57 / 26</p>	<p>4 - 5 pm Zotero - Need to get organized fast? 103 / 51</p>	<p>4 - 5 pm What Makes a Good Infographic? 90 / 46</p>
		<p>4 - 5 pm Use S.C.A.M to Fight Scams 18 / 11</p>		
<p>4 - 5.30 pm Mapping Your Literature Review 123 / 92</p>		<p>4 - 5.30 pm R EP2: Doing Data Science with R: Tidyverse methods 178 / 127</p>	<p>4 - 5.30 pm Getting Started with Bloomberg 105 / 54</p>	<p>4 - 5 pm Gentle Introduction: Data Analysis with Python 211 / 132</p>
Mon 30 Aug	Tue 31 Aug	Wed 1 Sep	Thurs 2 Sep	Fri 3 Sep
<p>4 - 5 pm Presentation Slide Design 301 / 76 (max)</p>	<p>4 - 5.30 pm Data Extraction from WRDS with Python Programming 131 / 64</p>	<p>10.30 - 11.30 am Matrix EP2: Captivate Through a Compelling Executive Summary 98 / 43</p>	<p>4 - 5.30 pm Cleaning Data with OpenRefine 75 / 22</p>	<p>4 - 5 pm Researching Arbitration 101 50 / 16</p>
	<p>4 - 5.30 pm R EP3: Programming Statistical Graphics in R with ggplot2 154 / 87</p>	<p>4 - 5.30 pm R EP4: Building Analytical Models with R: Tidymodels approach 175 / 87</p>	<p>4 - 5.30 pm R EP5: Creating Awesome Web Presentation with R Markdown: Xaringan Methods 144 / 61</p>	<p>4 - 5 pm Hidden Secret: A cheat sheet for top finance databases & resources 207 / 108</p>
Mon 6 Sep	Tue 7 Sep	Wed 8 Sep	Thurs 9 Sep	Fri 10 Sep
<p>4 - 5 pm Introduction to Research Data Management 144 / 61</p>	<p>10.30 - 11.30 am Matrix EP3: Present Insights, Not Data, from Academic Frameworks 86 / 29</p>	<p>4 - 5 pm Demystifying Blockchain: From Bitcoin to New Economies 155 / 77</p>	<p>4 - 5 pm Image Bootcamp: How to Find, Use and Cite Copyright-Free Images 75 / 25</p>	<p>4 - 5 pm Visual Literacy: Ways of seeing with art 46 / 21</p>
	<p>4 - 5 pm Current Awareness Tools to Stay Ahead in Your Field 121 / 44</p>		<p>4 - 5.30 pm R EP7: Building Web Blog with distill for R Markdown 133 / 43</p>	<p>4 - 5 pm Economic Data and Statistics 160 / 47</p>
	<p>4 - 5.30 pm Study Skills & Stress Management 77 / 27</p>			

Mon 13 Sep	Tue 14 Sep	Wed 15 Sep	Thurs 16 Sep	Fri 17 Sep
4 - 5 pm Citation Metrics for Researchers 101 62 / 16	4 - 5 pm WTF: What The Fake? 43 / 13	10.30 - 11.30 am Matrix EP4: Craft an Engaging Business Report 95 / 28	4 - 5 pm Qualtrics for Survey Design 124 / 43	12 - 1 pm 5 Recommended Databases for WR Students: A Quick Guide 90 / 41
4 - 5 pm EMIS and FITCH CONNECT 89 / 25	4 - 5 pm Business Government & Society (BGS) Research Clinic 73 / 35	4 - 5 pm Data Governance and Data Asset 71 / 22	4 - 5 pm Researching Law... Made Simple for Non-Law Students 48 / 16	4 - 5 pm Systematic Review: A brief survey of tools 78 / 23
Mon 20 Sep	Tue 21 Sep	Wed 22 Sep	Thurs 23 Sep	Fri 24 Sep
4 - 5 pm Arguing Your Case 259 / 76 (max)	4 - 5 pm Researching with Google & Wikipedia 97 / 38	10.30 - 11.30 am Matrix EP5: Orchestrate Your Presentation to a Business Executive 85 / 12	4 - 5 pm Gentle Introduction: Version Control Using GitHub Desktop 99 / 34	4 - 5 pm Zotero - Need to get organized fast? 104 / 27
	4 - 5 pm Business Research - Wish I Had Known This: Insiders by the Library Peer Advisors 51 / 16	4 - 5 pm Visual Literacy: Ways of seeing with art 34 / 11	4 - 5 pm Navigating Manupatra: How to locate Indian legal resources 14 / 2	
			4 - 5.30 pm GIS Concepts and QGIS Methods 48 / 17	4 - 5.30 pm Now You See It! Interactive Visualization for Data Discovery 118 / 34

Digital Literacy Skills



DIGITAL LITERACY ONLINE LEARNING



Learning Outcomes (LOs) & topics

LO1: Apply collaboration skills when interacting in blended learning environments (online and face-to-face) to practise learning ambidexterity.

- Blended learning pedagogy
- Group work and collaboration in face-to-face and online environments

LO2: Distinguish bias and influence in machine-learning (including algorithmic and artificial intelligence (AI)) when using search tools.

- How internet search engines work
- Algorithmic bias in search results

LO3: Explain the SIFT (Stop, Investigate, Find, Trace) method to evaluate information from digital sources.

- S.I.F.T as a concept to evaluate digital information
- Open web content and peer-reviewed content

LO4: Name common online cybersecurity threats so as to protect one's identity as a digital citizen.

- Cybersecurity threats in academic environments
- Tips for digital well-being

LO5: Apply understanding of rights and responsibilities when using, creating, and sharing digital information in various contexts to novel situations.

- Digital rights and responsibilities
- Creative Commons

Part 2: Library Peer Advisors (LPAs)

Preparing Students for Digital Academia

[Home](#) » [About Us](#) » [Library Peer Advisors](#)

LIBRARY PEER ADVISORS



The Library Peer Advisors (LPAs) provide peer-to-peer support by students for students in areas such as citation help, database training and conducting library tours.

Pioneer Batch



Current Batch



Derrick LKCSB 2018

- Why join the LPA?

"I wanted an avenue where I could give back to the school. Through the LPA, I will be given the opportunities to interact with different people, especially freshmen regardless of which schools they are from. This also allows me to provide them with the same help I received from my seniors when I first entered the school as a freshman."

- No. 1 Tip for freshmen?

"Don't be afraid to ask any questions in class. The professors in SMU are very willing to answer your questions. Personally, I also feel that is the best way to learn in class."



Joe SOSS 2018

- Why join the LPA?

"I started in Year 2 after the Libraries opened up slots for LPA, thought that giving tips to students in terms of teaching and assisting them about library services was a great idea as I personally benefitted a lot from library services when I was a freshman."

- No. 1 Tip for freshmen?

"Look out for library workshops and get to know the databases! The Libraries have extensive resources that will help you out on your academic research!"



Joey SOSS 2018

- Why join the LPA?

"I get to learn new skills and in-depth knowledge of the different databases out there. Especially for SOSS, we don't necessarily use the same databases as those that business students use and so we probably don't have many opportunities to learn and use them. Joining the LPA has allowed me to learn more about these databases and share our knowledge with others as well."

- No. 1 Tip for freshmen?

"Always be prepared - whether it is downloading materials that you would require, looking through your slides, or doing the readings before class. These will allow you to better focus and participate in class."



Valli SOA 2019

- Why join the LPA?

"To teach what I learnt and give back to the student community."

- No. 1 Tip for freshmen?

"Win or Lose, just experience every opportunity that the University offers to you all!"



Eric SCIS 2020

- Why join the LPA?

"I feel that most library resources are underutilized. So it will be nice to learn and share them to our peers."

- No. 1 Tip for freshmen?

"Lay out not only your study plans but also project plans since they can be one after another."



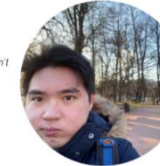
Mary LKCSB 2020

- Why join the LPA?

"I wanted to learn about the available resources the Libraries have, and share that knowledge with my peers in the process!"

- No. 1 Tip for freshmen?

"Plan ahead & always do your readings!"



Ningxian SCIS 2020

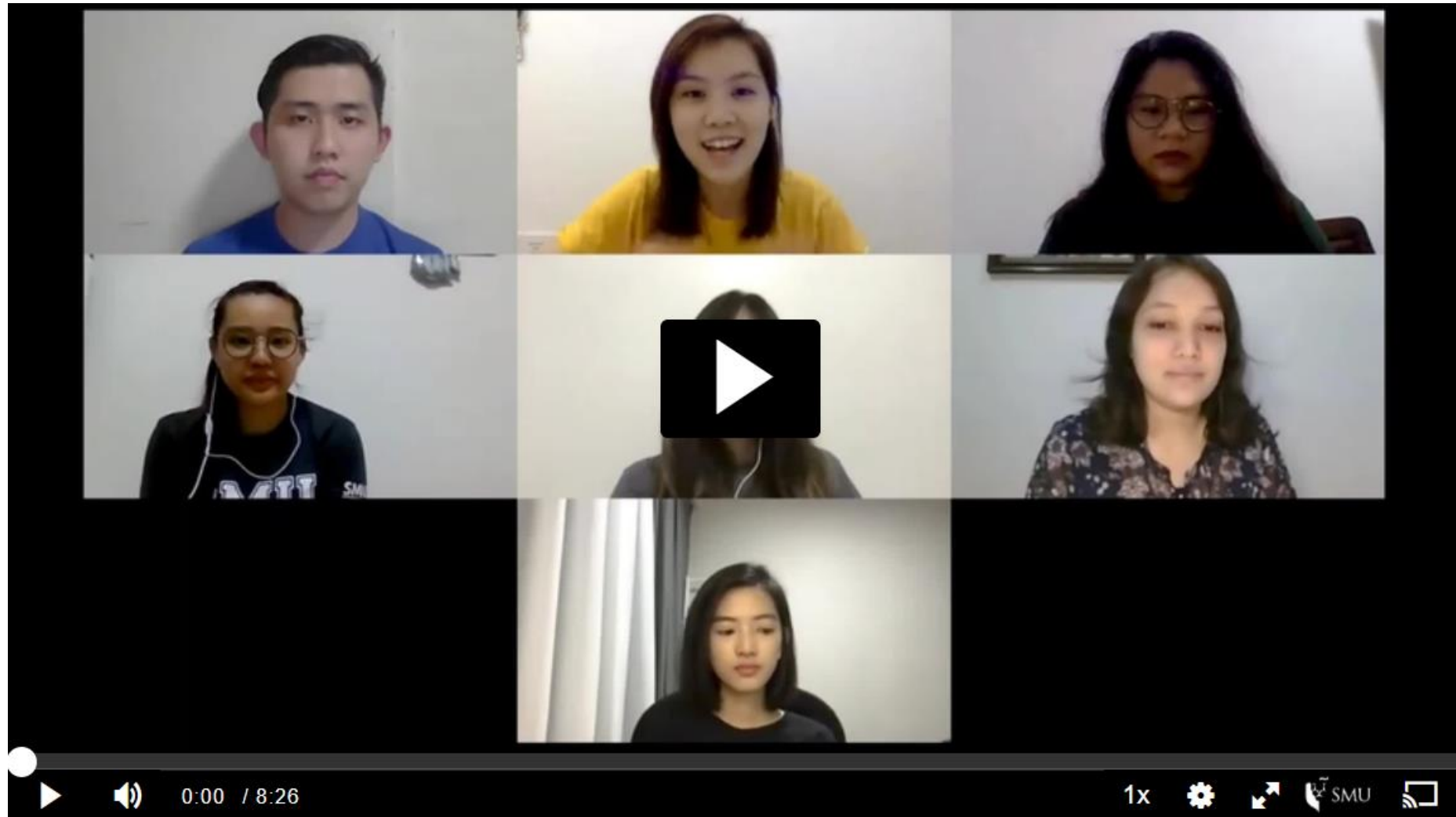
- Why join the LPA?

"Seek a different working role for self-improvement."

- No. 1 Tip for freshmen?

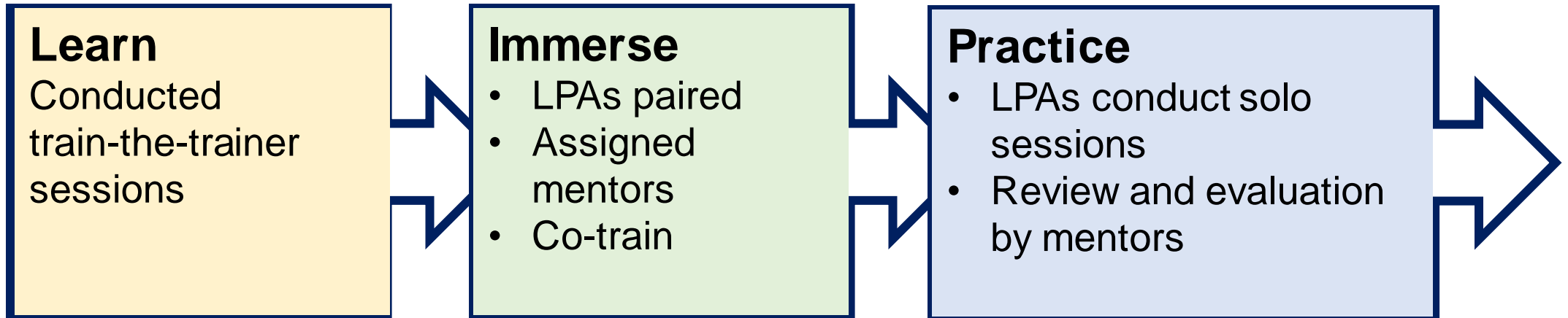
"You should be more active in class to adopt the SMU learning style that will help make your journey at SMU more meaningful."

'LPA Confessions' Video

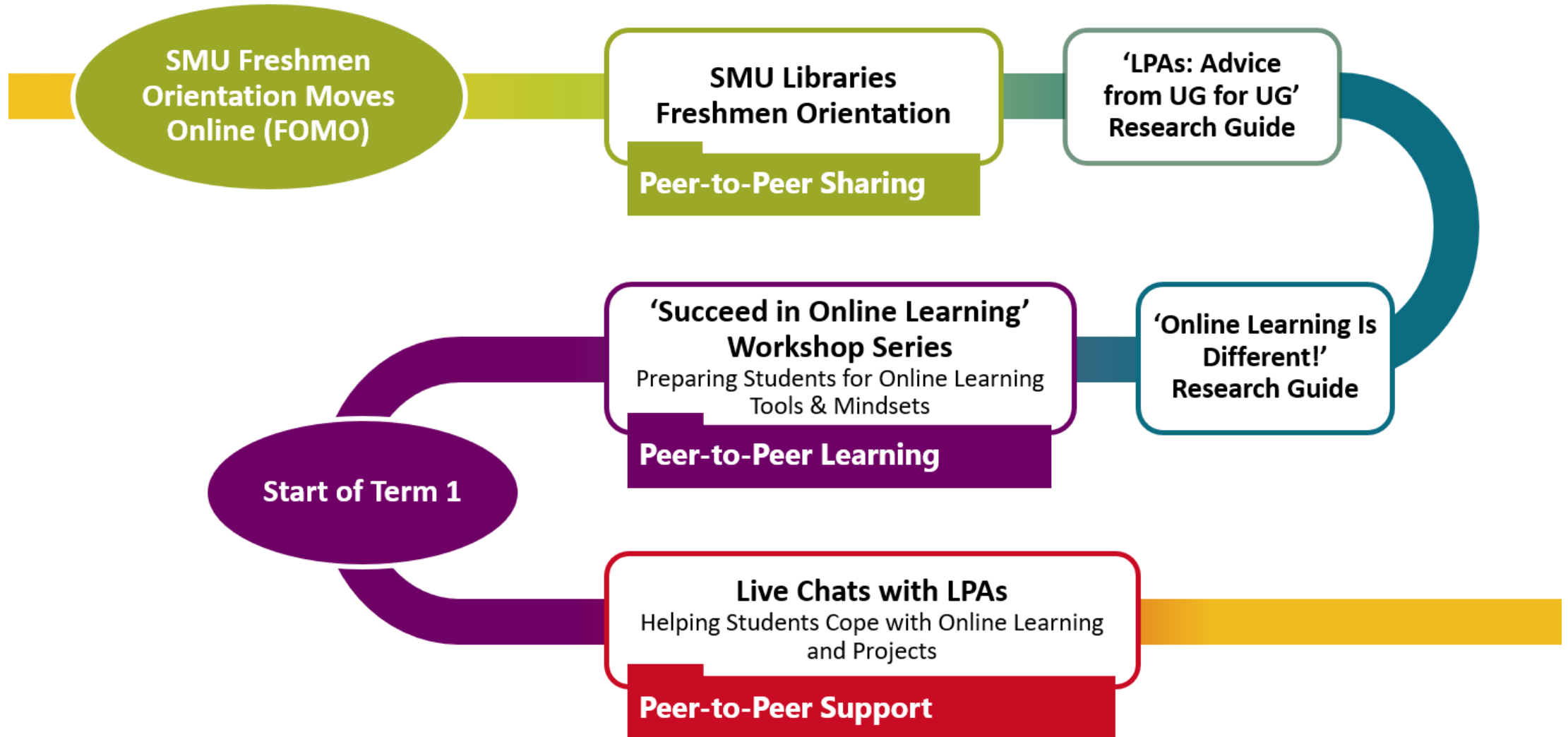


https://mediacast.smu.edu.sg/media/LPA+Confessions/0_luqy9vdd

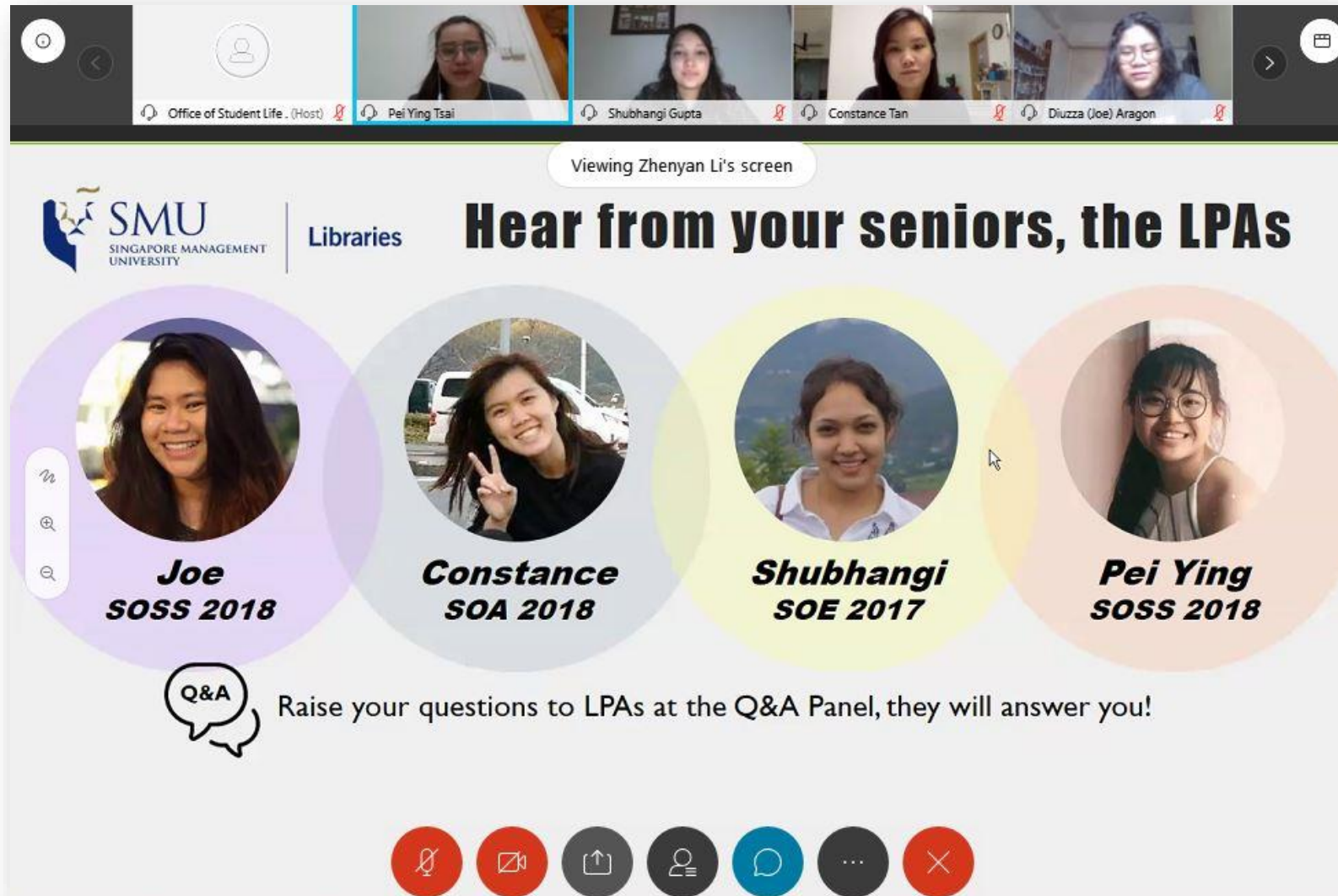
Implementing: The Learn-Immerse-Practice Model



Implementing: LPAs' Involvement



Libraries **SMU Libraries Freshmen Orientation (2020)**








Office of Student Life . (Host) | Pei Ying Tsai | Shubhangi Gupta | Constance Tan | Diuzza (Joe) Aragon

Viewing Zhenyan Li's screen

SMU SINGAPORE MANAGEMENT UNIVERSITY | **Libraries**

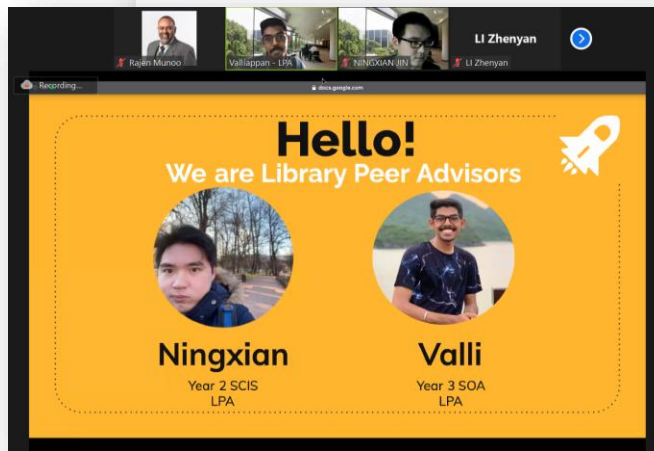
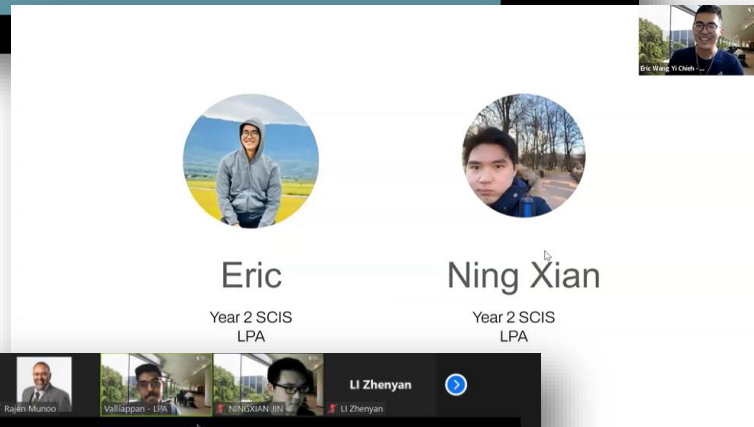
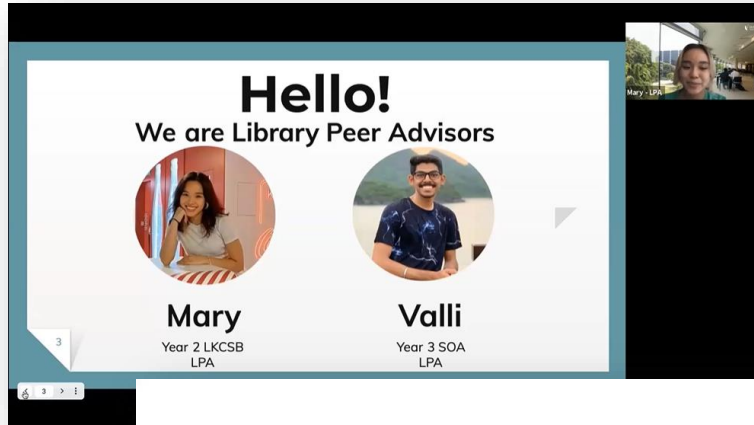
Hear from your seniors, the LPAs

- 
Joe
SOSS 2018
- 
Constance
SOA 2018
- 
Shubhangi
SOE 2017
- 
Pei Ying
SOSS 2018

 **Q&A** Raise your questions to LPAs at the Q&A Panel, they will answer you!

Zoom controls: Mute, Video, Screen Share, Participants, Chat, More, Close

'Succeed in Online Learning' Workshop Series (2021)



Session 1

2pm-3pm **Learn the Tools Your Profs Will Use - eLearn & Custom Tools**
10 August *Covering where to find what in eLearn and features such as Journal tool for self-reflection on topics learnt and tracking of learning points.*

Session 2

5pm-6pm **Learn the Tools Your Profs Will Use - Web Conferencing & Collaboration Tools**
10 August *Covering Zoom, WebEx, Microsoft 365 (including Teams), Google Workspace, and WooClap.*

Session 3

5pm-6pm **Orient Your Mindsets - Top 5 Online Learning Hacks**
11 August
#1 Study Skills
#2 Communication Skills
#3 Collaboration
#4 Group Work
#5 From Etiquette To Netiquette

Live Chats with LPAs (2020)

Upcoming: Live Chats with Library Peer Advisors More Tips & Tricks to Succeed in Online Learning

Step 1: Ask A Question
by the end of 25 August

Submit your questions to the LPAs via Slido and vote for those that resonate the most with you.

Slido link:
<https://app.sli.do/event/hsuw9ast/live/questions>



Step 2: Have A Chat
26 August 5pm-6pm

Join the Live Chats with the LPAs where they will answer the most popular questions received and other questions you may have.

Zoom link will be sent to you near the date (no registration needed).

Popular Recent 10 questions

Anonymous Aug 12, 2020 7 likes
Hi, could you guys demonstrate how MS teams work? Thank you!

Anonymous Aug 13, 2020 4 likes
is it important to know the diff between the Book title,article title,chapter title &journal title?? How do you identify which is which?

Anonymous Aug 21, 2020 4 likes
Should we learn to do citations manually or just let reference managers and MS Word/LaTeX handle the task?

Anonymous Aug 21, 2020
How do you read and understand content faster?

Anonymous Aug 20, 2020
How to find textbooks?

Vera Aug 22, 2020 1 like
How can i download the whole class calendar on elearn?

Anonymous Aug 26, 2020 1 like
how do you do citations

Anonymous Aug 23, 2020 0 likes
After you already mute yourself during Zoom, there is still a pop-up that shows you have been muted. why is that?

Anonymous Aug 26, 2020 0 likes
Is the school able to utilise virtual whiteboards for interaction and collaboration (how can we use that available in MS Teams) or others i.e. Miro, Mural?

Anonymous Aug 26, 2020 0 likes
Is it possible if can show us an example of how to use the endnote for citation?

Research Guides Curated by LPAs



Library Peer Advisors:
Advice from UG for UG
<https://researchguides.smu.edu.sg/LPAs>



Online Learning Is
Different! Top 5 Hacks
<https://researchguides.smu.edu.sg/c.php?g=930837>

Feedback from Students/Partners

*I learnt how to use the eLearn tools effectively so I'm **better prepared** when school starts! – Student*

*Class participation and collaboration tips and the library navigation site will be really helpful for me to **prepare myself for online format of classes and group work** and look for the resources I need. – Student*

*The LPAs were **engaging and patient** in answering our questions, which I really appreciate. – Student*

*I seriously think it is **more effective to have students-coaching-students**. The sharing of the experience in using these tools and your profs' style of running their courses is valuable info for the freshmen.*

– Partner from the Office of Integrated Information Technology Services, SMU

*Thank you for sharing the research guide on online learning developed by the LPAs. They have done up the sections **using a lighthearted approach to introduce some serious topics!** Please convey my message to the LPAs that I had an enjoyable time reading their work.*

– Partner from the Centre for Teaching Excellence, SMU

Chat Activity:

What ideas do you think you can implement from our sharing today?



Share your thoughts in the Chat



Libraries



Q & A

Thank you!

Rajen Munoo rajen@smu.edu.sg

Zhenyan Li zhenyanli@smu.edu.sg



Li Ka Shing Library



Kwa Geok Choo Law Library