

Approach to the Recommendations and Process of Deliberations

Terms of reference of the Taskforce

The Terms of Reference of the Taskforce are:

- To provide leadership and stewardship to shape and identify key research topics and agenda;
- To push the development of a thriving ecosystem in which a community of both local and international researchers can advance adult learning research and contribute to efforts to address national/ international human, social and economic challenges;
- To advise on how local capacities may be strengthened in the identified areas of research; and
- To advise and guide the execution of the Future of Adult Learning Research Symposium in November 2019.

Terms of reference of the Subgroups

Based on preliminary analysis of the key trends and opportunities in recent research in adult learning, the Taskforce scoped out four focus research areas as possible constituents of the research agenda. The four focus areas are:

- Towards the Science of Adult Learning;
- Innovative Technologies for Adult Learning Research;
- Learning Cultures x Smart Cities; and
- The Future of Human Capabilities in the Digital Economy and Society.

Four Subgroups were formed to lead the development each area in greater depth. The Subgroups' deliberations and recommendations are consolidated into the respective scoping papers, which are attached in [Annexes 2 to 5](#).

The Terms of Reference of the Subgroups are:

- To analyse the area of research interest and put forward a brief / paper for Taskforce's consideration, which will then form part of the background brief for participants of the Future of Adult Learning Research Symposium in November 2019;
- To nominate local and international experts who can deepen understanding of the research area to participate in the Symposium;

- To plan and execute the relevant symposium segment to enhance community knowledge and elicit consensus on its contribution to the research agenda;
- To curate ideas from submitted papers and workshop discussions into a workplan for the research area for endorsement by the Taskforce; and
- To support the development of a publication, based on submitted papers, to further research interest in adult learning.

Future of Adult Learning Research Symposium

The Future of Adult Learning Research Symposium was organised on 14 and 15 November 2019 in Singapore. The symposium was a strategic platform for Singapore and international researchers to deliberate on the four proposed research areas. There were a total of 20 expert presentations and discussions involving experts from China, Hong Kong, Italy, Singapore, Switzerland, the United Kingdom (UK) and the United States of America (USA). More than 100 researchers attended the conference. The Report on Deliberations at the Future of Adult Learning Symposium is at [Annex 6](#).

List of Taskforce members

Chair

Professor Lee Wing On Executive Director, Institute for Adult Learning (IAL) & Professor, Office of President, Singapore University for Social Sciences (SUSS)

Members

Dr Gog Soon Joo Chief Futurist & Chief Skills Officer, SkillsFuture Singapore (SSG)

Professor Annabel Chen Acting Director, Centre for Research and Development in Learning (CRADLE), Nanyang Technological University (NTU)

Professor Bernard Tan Senior Vice Provost, National University of Singapore (NUS)
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Associate Professor Executive Director, Singapore Institute for Clinical Sciences
Chong Yap Seng (SICS), Agency for Science, Technology and Research (A*STAR)

Dr Eugene See Deputy Director, Campus for Research Excellence and Technological Enterprise, National Research Foundation (NRF)

Mr Godwin Tang Senior Deputy Director, Academic Research Division, Ministry of Education (MOE)

Professor Ho Yew Kee Associate Provost, SkillsFuture & Staff Development, Singapore Institute of Technology (SIT)

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| Dr Lim Keng Hui | Executive Director, Institute of High Performance Computing (IHPC), Agency for Science, Technology and Research (A*STAR) |
| Dr Lim Lai Cheng | Executive Director, SMU Academy, Singapore Management University (SMU) |
| Mr Poon King Wang | Director, Lee Kuan Yew Centre for Innovative Cities (LKYCIC), Singapore University of Technology and Design (SUTD) |
| Dr Teh Laik Woon | Director, Corporate Research Office/ Principal Research Specialist, Research and Management Information Division, Ministry of Education (MOE) |
| Professor Wei Kwok Kee | Dean, School of Continuing and Lifelong Education (SCALE), National University of Singapore (NUS) |

List of Subgroup members

Research Area: Towards the Science of Adult Learning

Chair

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| Professor Lee Wing On | Executive Director, Institute for Adult Learning (IAL) & Professor, Office of President, Singapore University for Social Sciences (SUSS) |
| Professor Annabel Chen | Acting Director, Centre for Research and Development in Learning (CRADLE), Nanyang Technological University (NTU) |

Members

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| Associate Professor Sourav Bhowmick | Associate Professor, School of Computer Science and Engineering, Nanyang Technological University (NTU) |
| Assistant Professor Patricia Chen | Deputy Director, Institute for Application of Learning Science and Education Technology (ALSET), National University of Singapore (NUS) |
| Associate Professor Foo Yong Lim | Assistant Provost (Applied Learning), Singapore Institute of Technology (SIT) |
| Dr Erik Jahner | Research Fellow, Office of Education Research, National Institute of Education (NIE), Nanyang Technological University (NTU) |
| Associate Professor Rebekah Lim Wei Ying | Director, Teaching & Learning Centre (TLC), Singapore University of Social Sciences (SUSS) |

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| Dr Michael Meaney | Director, Integrative Neuroscience Programme, Singapore Institute for Clinical Sciences (SICS), Agency for Science, Technology and Research (A*STAR) |
| Professor Steven Miller | Vice Provost (Research), Professor of Information Systems (Practice), Singapore Management University (SMU) |
| Dr Teh Laik Woon | Director, Corporate Research Office/ Principal Research Specialist, Research and Management Information Division, Ministry of Education (MOE) |

Research Area: Innovative Technologies for Adult Learning Research

Chair

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| Associate Professor Min-Yen Kan | Assistant Dean, Undergraduate Office & Associate Professor, School of Computing, National University of Singapore (NUS) |
| Associate Professor Seng Chee Tan | Associate Professor, Learning Sciences and Technologies (LST), National Institute of Education (NIE), Nanyang Technological University (NTU) |

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| Dr Helen Bound | Centre Head, Centre for Work and Learning (CWL), Institute for Adult Learning (IAL), Singapore University of Social Sciences (SUSS) |
| Associate Professor Chua Eric | Deputy Director, Centre for Learning Environment & Assessment Development (CoLEAD), Singapore Institute of Technology (SIT) |
| Professor Looi Chee Kit | Co-Director, Centre for Research and Development in Learning (CRADLE), Nanyang Technological University (NTU) |
| Assistant Professor Low Bryan | Deputy Director, AI Research & AI Technology, AI Singapore |
| Associate Professor Woei Wan Tan | Vice-Dean, School of Continuing and Lifelong Education (SCALE), National University of Singapore (NUS) |
| Dr Zeng Xianting | Director, Knowledge Transfer Office, Singapore Institute of Manufacturing Technology (SIMTech), Agency for Science, Technology and Research (A*STAR) |

Research Area: Learning Cultures × Smart Cities

Co-chairs

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| Mr Poon King Wang | Director, Lee Kuan Yew Centre for Innovative Cities (LKYCIC), Singapore University of Technology and Design (SUTD) |
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| Assistant Professor Liu Zhaoping | Assistant Professor, Hospitality Business Design and Specialised Business Cluster, Singapore Institute of Technology (SIT) |
| Dr Renee Tan | Centre Director, Centre for Innovation and Development (CID), Institute for Adult Learning (IAL), Singapore University of Social Sciences (SUSS) |
| Professor Theng Yin Leng | Acting Director, Ageing Research Institute for Society & Education (ARISE), Nanyang Technological University (NTU) |

Research Area: The Future of Human Capabilities in the Digital Economy and Society

Co-chairs

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| Professor Ho Yew Kee | Associate Provost, SkillsFuture & Staff Development, SIT |
| Dr Dennis Kwek | Associate Dean, Strategic Engagement, Office of Education Research, National Institute of Education (NIE), Nanyang Technological University (NTU) |

Members

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| Ms Sim Soo Kheng | Director, Research and Innovation Division, Institute for Adult Learning (IAL), Singapore University of Social Sciences (SUSS) |
| Professor Teo Hock Hai | Provost's Chair Professor of Information Systems, NUS |

Other key consultations

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| Professor Alan Brown | Warwick University |
| Professor Phillip Brown | Cardiff University |
| Professor Arne Carleson | University of Latvia |
| Emeritus Professor Karen Evans | UCL Institute of Education, University College London |
| Associate Professor Bingsheng He | Department of Computer Science, National University of Singapore (NUS) |
| Ms Betty Lau | Head, Talent, Learning & Development (APAC), CBRE |
| Dr Hanne Shapiro | Hanne Shapiro Futures |
| Professor Emerita Lorna Unwin | UCL Institute of Education, University College London |
| Mr Raul Valdes-Cotera | Institute for Lifelong Learning, UNESCO |
| Mr Damien Yee | Chief Learning Officer, CXS |
| Team at the Institute for Application of Learning Science and Education Technology (ALSET), National University of Singapore (NUS) | |