

SHAPES

Science, Health and Policy-Relevant
Ethics in Singapore



SHAPES

An NUS Centre for Biomedical Ethics initiative supported by the Singapore Ministry of Health's National Medical Research Council

inside... this issue



p.1 Events



p.1 News



p.2 Webinars



p.2 Reports



p.2 Academic Articles



p.2 Blog Posts

Dear colleagues,

Welcome to the 5th issue of the **Science, Health and Policy-Relevant Ethics in Singapore (SHAPES) bi-monthly Newsletter**. We bring you a digest of recent developments in the ethics of biomedicine, particularly in relation to Big Data, AI, Gene-Modifying Technologies, and other topical biomedical developments.

SHAPES has undergone changes in recent months. We have farewelled our valued colleague, Dr Owen Schaefer, who nevertheless remains at the Centre for Biomedical Ethics (CBME), NUS. We are now delighted to welcome on board our new Research Associate, Tim Nicholas Lee, who has a special interest in genomics and molecular biology. We have also farewelled our valued Research Assistant, Yujia Zhu, who is pursuing his legal career. We await his replacement.



Mr Tim
Nicholas
Lee

News [Click on the links to see the full article]

Pioneers of revolutionary CRISPR gene editing win chemistry Nobel

Nature

National Academies Seek Public Comment on Draft Framework for Equitable Allocation of a COVID-19 Vaccine

The National Academies of Sciences, Engineering, and Medicine

Coronavirus: Pharma firms unveil safety pledge over vaccine

BBC

Jennifer Doudna Sees Crispr Gene Editing Tech as a Swiss Army Knife for Covid-19 and Beyond

by Devin Coldewey,
TechCrunch

Dascena Receives FDA EUA for COVID-19 Hemodynamic Instability and Respiratory Decompensation Prediction System

BusinessWire

Save the Dates:
SHAPES Events in 2021:



13 & 15 JANUARY 2021

Ethics Framework for Big Data in Health and Research – Learning to Apply the Framework.

These workshops will be based on the Ethics Framework for Big Data in Health and Research, developed by SHAPES in collaboration with a local and international working group. The Framework and associated papers are open access and available [here](#).

5 FEBRUARY 2021

A workshop on perceptions of IRB review arising from research SHAPES has undertaken.

Note: These workshops will either be face-to-face or online, depending on the COVID-19 situation at the time. We will update this section in due course with further details, including how to register.



SHAPES is pleased to announce our new Twitter page!

Follow our new handle @SHAPES_NUS for announcements on

- biomedical ethics conferences,
- reports, and
- trends in Singapore and abroad!

Upcoming Webinars

- ➔ **22 OCT: Data technology, policy and governance: what is the role of data science in democratic society and can we trust it** by Denisa Kera, University of Salamanca
- ➔ **27 OCT: Artificial Intelligence in Health Care: The Promise and the Peril** by Eric Topol, The Hastings Center

Reports

[Click on the links to see the full article]

- Heritable Human Genome Editing** by The National Academies of Sciences, Engineering, and Medicine
- Australian Government Data Governance Framework** by Australian Institute of Health and Welfare
- Does data ownership hinder biomedical research?** by Liminal Spaces Project, Mason Institute, Edinburgh Law School

Academic Articles

[Click on the links to see the full article]

Inequalities, vulnerabilities, and ethics in the time of COVID-19: diverse perspectives from the APRU Global Health Program by Withers et al., *Journal of Global Health Science*

Effective contact tracing for COVID-19 using mobile phones: An ethical analysis of the mandatory use of the Aarogya Setu application in India by Saurav Basu, *Cambridge Quarterly of Healthcare Ethics*

Illuminating the dark spaces of healthcare with ambient intelligence by Haque et al., *Nature*

They who must not be identified—distinguishing personal from non-personal data under the GDPR by Michèle Finck and Frank Pallas, *International Data Privacy Law*

Ethical, Legal, and Social Issues (ELSI) of Responsible Data Sharing Involving Children in Genomics: A Systematic Literature Review of Reasons by Rahimzadeh et al., *AJOB Empirical Bioethics*

The impact of legal expertise on moral decision-making biases by Baez et al., *Humanities and Social Sciences Communication*

Blog Posts

How scientists secure the data driving autism research by Jeremy Hsu, *Spectrum*.

Updating the Government Data Ethics Framework by Natalia Domagala, *Data In Government*