

## JERROLD SOH TSIN HOWE

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### PROFESSIONAL POSITIONS

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#### **Singapore Management University School of Law** **2018–present**

Assistant Professor of Law (tenure-track), 2020–present  
Lecturer of Law, 2018–2020  
Deputy Director, SMU Centre for Computational Law, 2021–present

#### Subjects Taught

Law and Technology, Tort Law, Business Law

#### Awards

SMU Dean’s Teaching Excellence Award, 2021,  
Ministry of Education START Scholarship

#### **Teaching Assistant, Intro to Econometrics, National University of Singapore** **2017–2018**

#### **Co-founder and Data Scientist, Lex Quanta Pte Ltd** **2017–present**

### EDUCATION

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#### **LL.M, Harvard Law School** **2019–2020**

Thesis: Causal Inference with Legal Texts (Supervisor: Prof. D. James Greiner)

#### **National University of Singapore** **2013–2018**

*LL.B* (First); *B.Soc.Sci* (Econs. Hons., Highest Distinction)  
Dean’s List (Law): 2014; Economics: 2015, 2016, 2017  
Kent Ridge Undergraduate Merit Scholarship

### RESEARCH

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#### **Journal Articles**

1. Legal Dispositionism and Artificially-Intelligent Attributions (forthcoming, *Legal Studies*) <[ssrn](#)>
2. Blockchain Land Transfers: Technology, Promises, and Perils (2022) (with Vincent Ooi and Soh Kian Peng) (2022) 47 *Computer Law and Security Review* 105672 (13 pages) <[clsr](#)>
3. How and Why Do Judges Cite Academics? Evidence from the Singapore High Court (2022) 17(1) *Asian Journal of Comparative Law* 134–166 (with Goh Yihan) <[asjcl](#)>
4. Simulating Subject Communities in Case Law Citation Networks (2021) 9 *Frontiers in Physics* 399–415 <[frontiers](#)>
5. Causal Inference with Legal Texts (2021) *MIT Computational Law Report* <[law.mit.edu](#)>
6. Towards a Control-Centric Account of Tort Liability for Automated Vehicles (2021) 16 *Torts Law Journal* 221–243 <[ssrn](#)>
7. The Development of Singapore Law: A Bicentennial Retrospective (2020) 32 *Singapore Academy of Law Journal* 804–890 (with Justice Andrew Phang and Goh Yihan) <[ssrn](#)>
8. The Inefficiency of Quasi-Per Se Rules: Regulating Information Exchange in EU and U.S. Antitrust Law (2020) 57 *American Business Law Journal* 45–111 (with Kenneth Khoo) <[wiley](#)>

9. A Network Analysis of the Singapore Court of Appeal's Citations to Precedent (2019) 31 *Singapore Academy of Law Journal* 246–284 <[ssrn](#)>

### Peer-Reviewed Proceedings

1. An End-to-End Pipeline from Law Text to Logical Formulas (with Aarne Ranta, Inari Listenmaa, and Wong Meng Weng) in *Proceedings of the 35<sup>th</sup> International Conference on Law and Information Systems* (JURIX 2022) 237–242 <[iospress](#)>
2. Building Legal Datasets (*NeurIPS 2021 Workshop on Data-Centric AI*, no archival proceedings)
3. Legal Area Classification: A Comparative Study of Text Classifiers on Singapore Supreme Court Judgments (with Lim How Khang and Ian Ernst Chai) in *Proceedings of NAACL 2019 Workshop on Natural Legal Language Processing* (Jun 2019) 66–77 <[aclweb](#)>

### Book Chapters and Collections

1. In Goh Yihan (ed), Pursuing Justice and Justice Alone: The Heart and Humanity of Andrew Phang's Jurisprudence (Academy Publishing, 2022)
  - a. Nuanced, Holistic and Measured: Justice Phang and the Empirical Development of Singapore Law
  - b. Theory and Practice Integrated: Justice Phang and Legal Scholarship (with Goh Yihan)
2. In Simon Chesterman, Goh Yihan, and Andrew Phang (eds), Law and Technology in Singapore (Academy Publishing, 2021)
  - a. An Introduction to the Relevant Technologies (with Daniel Seng and Lim How Khang)
  - b. Technology and the Legal Profession (with Josh Lee and Gregory Vijayendran)
  - c. The Practice of Law (with Rajesh Sreenivasan, Dorcas Quek, Eunice Chua and Lim How Khang)
3. Private Liability for Public Health (essay in Aurelio Martin, Mark Findlay, and Goh Yihan eds. "Law and COVID-19", SMU Law research series) <[ssrn](#)>

### Works-In-Progress

1. When are Algorithms Biased? A Multi-disciplinary Survey <[ssrn](#)>

### Research Grants

1. Computational Law (Co-I, S\$15.2m, National Research Foundation, Singapore, 2020)
2. The State of Legal Innovation in Asia-Pacific (PI, Asia-Pacific Legal Innovation and Technology Association, 2020)
3. The State of Legal Innovation in Asia-Pacific (PI, Singapore Judicial College, 2019)

### Industry Publications

1. The Executive's Guide to Getting AI Wrong (2022) 9(1) *Asian Management Insights* 74-80 <[ami](#)>
2. The State of Legal Innovation in Asia-Pacific 2020 (chief editor, research collection launched at TechLawFest, Oct 2020) <[bit.ly](#)>
3. The State of Legal Innovation in Asia-Pacific (chief editor, research collection launched at the Stanford Futurelaw Conference, Apr 2019) <[ink](#)>

### ACADEMIC CONFERENCE PRESENTATIONS (SELECTED)

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1. Lache-ing onto change: object-oriented legal evolution (Computational Legal Studies Conference, Mar 2023)
2. Digital and Computational Law in Asia (National Chengchi University, online, Nov 2021)
3. Situating AI Liability (Asian Private Law Conference, online, May 2021)
4. Towards a Control-Centric Account of Tort Liability for Automated Vehicles (Machine Lawyering, online, University of Hong Kong, Jan 2021)

5. Doctrinal Communities in Case Law Citation Networks (Physics of the Law Conference, online, Nov 2020)
6. Legal Area Classification: A Comparative Study of Text Classifiers on Singapore Supreme Court Judgments (with Lim How Khang and Ian Ernst Chai) (Proceedings of the North American Association of Computational Linguistics Annual Conference: Workshop in Natural Legal Language Processing, MN, USA, Jun 2019)
7. Tort Liability and Control in the Automated Vehicle Context (Second Asian Private Law Workshop, University of Hong Kong, 16 May 2019)
8. The State of Legal Innovation in Asia-Pacific (Stanford Law School Futurelaw Conference, CA, USA, 4 Apr 2019)
9. Products Liability versus Negligence for Automated Vehicle Accidents (2<sup>nd</sup> CityU-SMU conference, City University of Hong Kong, 6 Jan 2019)
10. Citations Analysis with Network Measures: Perspectives from Singapore (2<sup>nd</sup> Annual Workshop on Law and Social Science Methods, University of Oslo, Norway, 10 Oct 2018)
11. The Ex-Ante Regulation of Information Exchange: A New Look at the Prophylactic Rule (with Kenneth Khoo, 35<sup>th</sup> Annual Conference of the European Association of Law and Economics, University of Milano, Italy, 20 Sep 2018)
12. Towards a General Framework for Empirical Legal Analysis: In Domain Name Disputes, Do Panellists Matter? (14<sup>th</sup> Asian Law and Economics Conference, Singapore Academy of Law, Singapore, 16 Aug 2018)

#### **INDUSTRY PRESENTATIONS, WORKSHOPS, AND SEMINARS (SELECTED)**

1. LegalTech Essentials Global Edition (co-host of online workshop series running from 10 Nov to 8 Dec 2022)
2. AI, Robotics, and the Law (SMU Law Academy Judicial Training Workshop, yearly since Nov 2020)
3. Applications of Data and AI in Law (2 full-day seminar under SMU Academy's Graduate Certification in Legal Technology, quarterly since July 2021)
4. Legal Technology Markets Worldwide (panellist at Bucerus LegalTech Essentials, May 2021)
5. Legal Innovation in APAC 2020 (TechLawFest Singapore, Oct 2020; Distant and Digital, Oct 2020, online, primarily Russian audience)
6. Legal Innovation in APAC (Singapore Judicial College, 10 Apr 2019; TechLawFest Singapore, Sep 2019; Red De Firms' TechTalks, 19 Mar 2020, online, primarily Mexican audience)
7. What is data, and why do people want lawyers to use it? (workshop at the Attorney Generals' Chambers, 25 March 2019, 80 participants)
8. How Will Artificial Intelligence Impact the Criminal Justice System? (4th Criminal Law Conference 2019, Singapore Supreme Court Auditorium, 5 March 2019)
9. Transforming Justice with Technology (Executive development workshop delivered at the NUS Law Faculty to a judicial audience, including the Chief Justice of Jamaica, 22 Feb 2019) (with Goh Yihan)
10. Code, Automation, and Legal Practice (Stephenson Harwood LLP, 15 Jan 2019)
11. Technology, Justice, and the State Courts (Invited speaker at the Singapore State Courts' annual Hearing Break, with 250–300 State Court judges and officers in audience, 3 Dec 2016)
12. Predicting the Future of Law (The annual Council of Judges, with substantially all Singapore Supreme Court Justices, including the Chief Justice, in audience, 26 Oct 2018)
13. Code for Lawyers: How I Learnt to Stop Worrying and Automate my Job (Singapore Academy of Law, 27 Sep 2018)
14. When Lawyers Math: An Introduction to Legal Analytics (1.5 hour workshop given at PyData June 2018, Microsoft Singapore Headquarters, 18 Jun 2018)

**SERVICE**

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**Peer Reviewer:** ACM FAccT Conference, American Business Law Review, Chinese Journal of Comparative Law, European Business Organisations Review, Hong Kong Law Journal, International Review of Law, Computers, and Technology, Law and Society Review, Singapore Journal of Legal Studies,

**Academic Committees:** Programme Committee: Natural Legal Language Processing Workshop 2020, 2021, 2022 (includes peer-reviewing)

**Industry Committees:** Singapore Academy of Law LawNet Committee

**Faculty Advisor:** SMU Legal Innovation and Technology Student Club