

ANNUAL REPORT

**UNSW Allens Hub for Technology, Law and
Innovation**

For the period 1 January 2023 to 1 June 2024



Contents

About the UNSW Allens Hub	3
Directors' Report – Lyria Bennett Moses and Katharine Kemp	3
Our People during 2023/2024	4
Hub staff	4
Advisory Board	4
Steering Committee	5
Affiliated Researchers	5
2023-2024 Achievements	9
Research Streams	11
Engagements	12
Hub Communications	19
Publications	20
Access to Justice and Technology	20
AI Decision Making and Law	21
Challenges for a Cyber-Physical World	21
Data Justice Research Network	22
Fintech	23
Hybrid Life and Legal Personhood	24
IP, Sustainability & Open Architecture	25
Right to Repair	25
Miscellaneous	26
Hub Submissions 2023/2024 (including joint submissions)	28
Financial Management Report	31

About the UNSW Allens Hub

The UNSW Allens Hub for Technology, Law and Innovation operated as an independent community of scholars based at UNSW Sydney from 1 November 2017 until 1 June 2024. As a partnership between [Allens](#) and [UNSW Law & Justice](#), the Hub contributed to breadth and depth in research on the diverse interactions among technological change, law, and legal practice. The partnership enriched academic and policy debates and drove considered reform of law and practice through engagement with the legal profession, the judiciary, industry, government, and the broader community.

The Hub was a global leader in solving legal problems and communicating solutions and ideas arising from technological innovation. It worked as a collaborative base for researchers across multiple disciplines and people across multiple sectors to engage with questions arising from technological change and innovation. The Hub was forward-looking, developing creative, well researched solutions to emerging problems, and in the case of quantum resilience we are working ahead of (predicted) legal and policy challenges. It had a prominent national and international profile through its members who continue to be active in academic, government, industry and public debates about regulatory and policy change in these areas.

The Hub originally secured three years of funding from Allens, and FLIP Stream (operating within the Hub) secured five years of funding from the Law Society of NSW. Despite delay in renewing Allens sponsorship at the early stages of the COVID-19 pandemic, we were able to secure an additional three years of sponsorship commencing June 2021. That sponsorship concluded on 1 June 2024. This report, which covers the period 1 January 2023 to 1 June 2024, will be our final report.

The UNSW Allens Hub benefited greatly from the advice given by its [Steering Committee](#) and [Advisory Board](#). We remain grateful to those, listed on pages 4-5, who served on either body over the period covered by this report.

Directors' Report – Lyria Bennett Moses and Katharine Kemp

It is with a tinge of sadness but also overwhelming pride that we wrap up the UNSW Allens Hub for Technology, Law and Innovation after a productive 6.5 years. When the Hub began in 2017, there was nothing like it in Australia – a research initiative with a broad focus on understanding how our legal institutions and the legal profession might best manage the challenges associated with disruptive technological change. We brought researchers together across the university to create a significant body of scholarship and a real impact in how these challenges are understood. We are grateful to Allens for their support, both financial and intellectual. Our accomplishments include:

- Building a large, multi-disciplinary community of [researchers](#)
- Supporting publication of over 400 works, including books, chapters, articles and reports
- Securing significant government and industry funding for cyber security law and policy research in addition to members' Australian Research Council and other grants
- Partnerships to improve government and judicial practices with respect to technology
- Cross-disciplinary collaboration to progress understanding on data justice challenges
- 93 policy submissions to government, parliamentary committees and law reform projects

Our events and activities did not slow in our final 17 months. We hosted the local leg of Legal Tech Venture Day, with our winner going on to win the international competition in Madrid, co-hosted an important discussion on digital security and online safety with the Future of Privacy Forum, and hosted a workshop

through the Cyber Security Cooperative Research Centre on Quantum Resilience. We also updated our report with the Australasian Institute for Judicial Administration on *AI Decision-Making in the Courts* to deal with new issues posed by large language models, presenting our findings to Australian courts and tribunals as well as courts in other jurisdictions. We collaborated with the UNSW AI Institute and other scholars across the University to organise the hugely popular UNSW AI Symposium and host the plenary session on the regulation of AI at the Symposium. Our policy engagements with government were a combination of different modalities (written submissions, in person meetings, oral evidence, online roundtables), and it is exciting to see how some of our ideas have seeped into law reform and policy thinking in Australia.

Our [streams](#) did great work on a range of important contemporary topics. A [full list](#) of their aims and activities over the last 17 months is on pages 20-28 of this Report. We thank all of the stream leads, not only from this period, but throughout the Hub's life, for bringing your ideas, curiosity, and energy into the Hub.

More broadly, we are grateful to all members and interns who have shared their ideas and thinking with us over the years. May our conversations and collaborations continue well into the future! We are also grateful for the careful guidance of our Steering Committee and the wisdom of our Advisory Board, and all members of both for their time. Finally, we owe enormous gratitude to the hard work of our Hub Administrators over this period (Ms Amy Gardner and then Ms Amanda Oldfield) for managing our operations and making possible everything we have done. Thank you also to Ms Feon Chua for her assistance finalising this report.

Our People during 2023/2024

Hub staff

- Professor Lyria Bennett Moses, Hub Director
- Associate Professor Katharine Kemp, Deputy Director from 1 July 2023
- Associate Professor Kayleen Manwaring, Senior Hub Fellow until 31 December 2024
- Dr Susanne Lloyd-Jones, Cyber Security CRC Research Fellow
- Ms Amy Gardner, Administrator (0.6 FTE from January 2023 –July 2023)
- Ms Amanda Oldfield, Administrator (0.6 FTE from July 2023 –May 2024)
- In 2023/2024 the Hub supervised 4 interns: Annabelle Lee, Megha Uppal, Dani Lee and Natarsha Wong. Hub interns were supervised by Senior Hub Fellow Kayleen Manwaring and Director Lyria Bennett Moses, working as well with other Hub members on specific projects.

Advisory Board

The UNSW Allens Hub advisory board provides high-level advice. It consists of 12-16 members representing the legal profession, technology, industry, academia, government, and policy. The board is intended as a high-level strategic reviewer and a sounding board to ensure that the Hub's projects are important, relevant and have the potential for practical and/or policy impact. It provides exposure to a range of perspectives.

The board met three times. During 2023/2024 the board met on 6 April 2023, 14 June 2023 and 12 December 2023. Over this time, the board focussed on:

- Hub and Flip Stream updates;
- Impact Plan for Theory of Change Document; and

- New Access to Justice and Technology research stream

Our Advisory Board members in 2023 were:

- **Andrew Lynch** – Dean, Faculty of Law & Justice, UNSW (Chair)
- **Lyria Bennett Moses** – Director, Allens Hub for Technology, Law and Innovation
- **Janet Chan** – Emeritus Professor, UNSW Law & Justice
- **Jacqueline Downes** – Partner, Allens (joined mid-2021 following retirement of Allens partner Gavin Smith)
- **Jed Horner** – Head of Government Relations & Advocacy, Stone & Chalk/AustCyber
- **Tomoyuki Hachigo** – Co-Founder of SprintLaw
- **Jonathan Hatch** – Senior Adviser, Innovation Hub, ASIC
- **Jonathan Horan** – Partner, Linklaters
- **Kate Jordan** – Origin Energy
- **Michael Pattison** – CEO and Founder of Contract Probe
- **Justice Melissa Perry** – Federal Court of Australia
- **Marina Yastreboff** – President, Australian Society for Computers and Law

Steering Committee

The Allens Hub steering committee consists of five members. The committee normally meets four times a year. The steering committee provides the primary mechanism through which Allens offered advice, direction and feedback concerning the Hub. It is also the Hub's primary governance body. Committee Members for 2023/2024 were: Lyria Bennett Moses, Arcot Sowmya, Ann Tulip, Gavin Smith and Justine Nolan.

The steering committee is responsible for oversight of:

- annual plans and reporting.
- annual budgets, including allocations to research streams; and
- major activities.

Affiliated Researchers

In 2023/2024, the Hub had 63 members, being UNSW staff/affiliates and Higher Degree Research candidates:

Name	Research description
Lyria Bennett Moses	Theories and approaches to law and technological change; legal and policy issues for automation and artificial intelligence; regulation for cyber security
Kathy Bowrey	Intellectual property & innovation; technology and culture/history/politics/philosophy; open research
Ross Buckley	Fintech; blockchain; data technologies in banking



Daniel Cater	Domestic law enforcement access to transnational data for investigations while maintaining protections for domestic data pools from foreign data access overreach
Janet Chan	Data technologies; technology and organisational cultures; technology for access to justice
May Cheong	Contract law; commercial law; consumer law; unfair contracts; remedies; restitution/unjust enrichment; comparative Asian law
Philip Chung	Legal information services; technology for access to justice
Roger Clarke	Dataveillance; responsible data analytics; cybersecurity risk management; regtech
Claire Daniel	Use of technology in urban planning
Marc de Leeuw	Biolegalities; artificial intelligence; collaborative robotics; algorithmic hybridization
Simone Degeling	Equity and digital technologies
Anton Didenko	Digital financial services; fintech; regtech
Keyvan Dorostkar	Lifecycle of refugee cases, with the overarching purpose of seeking to improve both the fairness and efficiency of refugee status determination procedures in Australia
Tanja Dreher	Social justice implications of ubiquitous datafication with particular interest in public institutions including universities and media, what data can't hear, and in the politics of refusal
Bruce Duncan	Chinese and US data governance, concentrating on user devices' cross-border data flows in the context of data protection and data security frameworks
Belinda Dunstan	Appearance design, movement planning and future cultural implications of social robots
Bassina Farbenblum	Evidence base and theoretical frameworks for preventing exploitation of migrant workers and enabling access to justice under domestic and international law
Alexandra George	International intellectual property and the philosophy of intellectual property law
Daniel Ghezelbash	Law, computing, political science, behavioural psychology and data science
Tahlia Gordon	Future of the legal profession
Janice Gray	Water governance; digital asses
Graham Greenleaf	Legal information services; data privacy and data governance; technology for access to justice
Michael Handler	Intellectual property
Deborah Hartstein	Law and political economy of the use of 'platform technologies' (e.g. data and algorithms) in Australian food retail
Fei Huang	Ethical AI (and non-AI) and data science for insurance



Jessica Hudson	Equity and digital technologies
Danielle Hynes	Social justice implications of ubiquitous datafication; imaginaries of the city
Regina Jefferies	Migration; displacement; street-level bureaucracy; technologies of border control; technology and the live archive; socio-legal research methods
Natalia Jevglevskaja	Fintech; consumer data right; law and (military) technology
Vedna Jivan	Professional legal practice
Fleur Johns	Data governance and digital humanitarianism
Daniel Joyce	Media law, human rights and data governance
Matthew Kearnes	STS; responsible innovations; public engagement
Matthew Keeley	Online harms; technology use by children and young people
Katharine Kemp	Data privacy and data protection; competition and consumer regulation of digital platforms
Dimity Kingsford-Smith	Future of legal profession; online investing regulation
Zsofia Korosy	Law, technology, and the environment
Lesley Land	Information security and management
Jackie Leach Scully	Bioethics, technology and disability
Michael Legg	Technology in litigation and dispute resolution; future of legal profession
Peter Leonard	Fair and responsible practices and processes in advanced data analytics and AI, including governance and assurance of multiparty data ecosystems and IoT deployments
Susanne Lloyd-Jones	Legal & policy adaptation to new & emerging cyber threats, cyber trust project
Kayleen Manwaring	Objects and internet of things; information technology and consumer protection; cyber security and corporate governance; network neutrality
Bronwyn Miller	Data justice research network stream
Jennifer Moore	Health law
Bronwen Morgan	Sharing economy and technology platforms
Rob Nicholls	Technology platforms and competition law; technology for access to justice
Justine Nolan	Business and human rights
Michael Richardson	The intersection of affect, power and war through the lens of witnessing and testimony in culture, media and politics
Justine Rogers	Future of the legal profession; entry, socialisation and training; professional ethics and regulation



Rachel Rowe	Public health; political economy; social policy; science and technology studies
Shohini Sengupta	Digital identity as the foundation for the governance of a digital economy: observations from India
Nofar Sheffi	Digital marketplace platforms; terms of service agreements; media theory and computer science
Tony Song	Innovation in technology
Sriram Srikumar	Studying the applicability of the Privacy Act to new types of information
Alex Steel	Technology in legal education; technology and criminal law
Simon Taylor	History and philosophy of science; biometrics; pattern recognition; artificial intelligence; sensor development; tacit knowledges; collaborative robotics; algorithmic deployment
Amelia Thorpe	Urban governance; data and food delivery cycling
David Vaile	Data governance; cloud computing
Sophie Vivian	Trust and trustworthiness; epistemology; philosophical psychology; behavioural and cognitive neuroscience; decision theory; political theory and international relations
Kevin Witzemberger	AI technology on education policy
Marina Yastreboff	Marina is at UNSW Legal, but shares an interest in Hub research
Monika Zalnieriute	Information policy and internet governance; human rights in the digital age; international data privacy law; EU data protection law; data-driven discrimination; automation of government decision-making; LGBTQIA+ rights and feminist theory

2023-2024 Achievements

Our annual planning was built around seven pillars, as follows:



The table below sets out our performance in each of these pillars over the course of 2023/2024.

Pillar	Achievements and Outcomes
Enhance operations of core Hub team	Deputy Director: We appointed a new Deputy Director, providing additional capacity for strategy and impact.
Community building	<p>Member meeting attendance: Attendance at quarterly Hub member meetings was again strong. Meetings provided a useful opportunity for all to engage with the activities of the various streams, and provided a useful opportunity to discover opportunities for collaboration.</p> <p>Membership: Our membership grew slightly over the reporting period, from 59 members at the end of 2022.</p> <p>Collaboration: There was close collaboration between some Hub streams (in particular Challenges for a Cyber-Physical World and Right to Repair), as well as with other Centres, in particular the Kaldor Centre for Refugee Law (on the Access to Justice and Technology stream), and the Gilbert + Tobin Centre for Public Law (on issues related to automation in courts and administrative decision-making). The Hub also engaged with relevant UNSW-wide institutes, in particular the AI Institute, the Institute for Cyber Security and the Disability Innovation Institute.</p>
Communications	Communications plan: With the change from Twitter to X, we focussed mainly on our website, newsletters, and LinkedIn as key communications platforms.

	<p>Newsletter: Four newsletters were produced in 2023/2024 – 8 Feb 2024, 30 Nov 2023 (update on Hub closure), 13 Sept 2023, 19 April 2023.</p> <p>Collaboration: In promoting news and events, we continue to work with UNSW and Allens teams as well as the UNSW Law Society (for student audiences) and Cyber Security Cooperative Research Centre (where relevant).</p>
Engagement	<p>Recognition: The UNSW Allens Hub gained significant recognition, both in Australia and overseas, and across academic, policy and professional communities. We were frequently contacted directly by law reform bodies, government departments, and parliamentary committees suggesting increasing recognition of what we can contribute among policymakers. We received both direct media inquiries and those redirected by the UNSW media team and responded when topics are within our expertise.</p> <p>Regional conference: Although this will post-date the Hub’s operations, we finally have an opportunity post-COVID to host a regional law and technology conference, sponsored by the Asian Law Schools Association, in July 2025.</p> <p>Legal Tech Venture Day: We hosted the local leg of Legal Tech Venture Day, providing an opportunity to engage with the legal innovation community. We paid for the local winner (Deelience) to participate in the international competition, which they won.</p>
Research	<p>Publications: Our full list of publications is at pages 20-28 below.</p>
Impact	<p>Impact planning: We developed an impact plan that focussed on the links between our resources, our activities, our outputs and the outcomes and impacts of our work. We noted that to measure the benefits of our work, one has measurable leading indicators that do not yet demonstrate the change we seek and lagging, often hard to measure, indicators of actual change linked to our work (such as better laws and policies, more effective institutions for managing legal responses to technological change, more responsible innovation). Our plan involved tracking our impact from dissemination through citation and influence to national benefit.</p> <p>Outputs and activities: These are described elsewhere in this report, but it is worth noting here that</p> <ol style="list-style-type: none"> 1. We made 17 submissions to policy bodies in 2023-2024; the full list is at pages 28-30. We also tracked the positive reception of many earlier submissions and changes that aligned with our recommendations, including in the areas of foreign interference through social media, digital identity, regulation of AI. 2. We published high impact reports including on privacy issues around fertility apps, consumer understanding of privacy policies (with the Consumer Policy Research Centre (CPRC)), cyber security governance for the Consumer Data Standards (with the Treasury), and the Consumer Data Right more broadly, AI in

	<p>courts and tribunals (with the Australian Institute for Judicial Administration (AIJA)).</p> <ol style="list-style-type: none"> 3. We engaged with the media, communicating with the public on legal and policy issues around current events. 4. The Director continued to serve on the Standards Australia AI committee and, through that, works occasionally with ISO/IEC JTC1 SC 42.
Funding	<p>CSCRC grants: We continue to work on a range of existing CSCRC grants, both as law and policy co-lead and as a contributor to the cross-disciplinary SOCRATES (software security) project.</p> <p>Research contracts: We worked again with the Australasian Institute for Judicial Administration. We also published our reports from our collaboration with the Department of the Treasury on the Consumer Data Right. https://allenshub.unsw.edu.au/index.php/news/unsw-consumer-data-right-reports-released-public</p> <p>Awarded grants: In addition to CRC and ongoing funding, the Right to Repair stream obtained a related ARC Linkage grant (AUD\$341,374), the AI Decision-Making and the Law stream was supported by the Lithuanian Research Council (€150,000) and the Access to Justice and Technology stream received \$250,000 from NSW Access to Justice Innovation Fund. The Cyber-Physical world stream received some funding from Kings College London. Amelia Thorpe was awarded a \$100,000 James Martin Institute Policy Challenge Grant.</p>

Research Streams

Research streams for 2023/2024 were as follows:

- **Access to Justice and Technology (Dr Daniel Ghezlbash):** the stream brings together academics, practitioners, innovators and change makers to undertake rigorous evidence-based research and advocacy aimed at increasing access to justice through the use of technology.
- **AI Decision Making and Law (Dr Monika Zalnieriute):** the stream explores the relationship between various automation and interference techniques, popularly known as AI, and increasing technologisation of decision-making in governments, courts, corporations and society.
- **Challenges for a Cyber-Physical World (Associate Professor Kayleen Manwaring):** the stream's objective is to develop an Australian hub of research excellence around legal challenges for cyber-physical systems and connected devices.
- **Data Justice Research Network (Associate Professor Tanja Dreher):** the stream is engaging with academic staff from ADA, Computer Science and Engineering, Faculty of Medicine, civil society organisations and government organisations to clarify both how data justice arises as a problem in need of addressing and how it can be defined, measured, and delivered in different social and organisational settings.

- **FinTech (Dr Anton Didenko):** seeks to explore the impact of technological disruption on financial markets in Australia and across the globe, by analysing existing challenges, creating a discussion platform to exchange ideas among various stakeholders, and developing workable solutions.
- **IP, Sustainability & Open Architecture: Creation and Transferability of Knowledge in Architecture and Design (Professor Kathy Bowrey):** this stream creates an opportunity to consider the prospects and legal challenges that impact open transferability of implicit and tacit knowledge in sustainable architecture.
- **Hybrid Life and Legal Personhood (Associate Professor Marc de Leeuw):** this stream seeks to understand the changing role for legal and regulatory frameworks in response to shifts in legal personalities driven by 21st century technological, bioscientific and economic developments.
- **Right to Repair (Professor Matt Kearnes):** the current and in-progress outputs of the stream address the intersections between repair practices in specific contexts and the wider legal and regulatory debate concerning the need to reflect rights to repair in contemporary intellectual property and consumer law.

Engagements

The Allens Hub was involved in and/or hosted the following in 2023/2024.

- **17 Jan 2023** – Lyria Bennett Moses spoke at a [symposium](#) entitled ‘Regulating Social Media Algorithms’ hosted by the University of Hong Kong
- **27 Jan 2023** – Lyria Bennett Moses interviewed live on Sky News on Robodebt inquiry
- **30 Jan 2023** – Lyria Bennett Moses on the ‘[ChatGPT and the Rise of Artificial Intelligence: Expert Panel](#)’ hosted by UNSW
- **1 Feb 2023** – Lyria Bennett Moses spoke at a [panel discussion](#) at the Australian Computer Society launch event for *Data and the Digital Self* and *Frameworks: What the 21st century needs and Controls for Data Sharing*
- **6 Feb 2023** – Lyria Bennett Moses and former FLIP Stream Director Michael Legg [discussed](#) the 2022 ‘AI Decision-Making and the Courts – A Guide for Judges, Tribunal Members and Court Administrators’ report on AIJA Podcast
- **8 Mar 2023** – Hub co-hosted a [symposium on ‘Open Sustainability’](#) with the ‘Open Sustainability: Creation and Transferability of Green Knowledge in Architecture, Building and Construction’ research stream, led by Kathy Bowrey (UNSW Law & Justice) and Luciano Cardellicchio (School of Built Environment, UNSW ADA)
- **10 Mar 2023** – Lyria Bennett Moses attended a Standards Australia committee meeting
- **20 Mar 2023** – Hub co-hosted a [LegalTech Startup Hatchathon](#) at UNSW
- **28 Mar 2023** – Lyria Bennett Moses participated in an event on ‘Tech Policy Futures’ at Parliament House supported by ANU’s Legal Tech Design Centre
- **12 Apr 2023** – Lyria Bennett Moses addressed the Australian Computer Society Board on considerations for AI

- **13 Apr 2023** – Kayleen Manwaring delivered a presentation titled ‘Repairing and Sustaining the Third Wave of Computing’ at the BILETA Conference: ‘Cyberlaw: Finally getting its Act(s) together?’ at Vrije Universiteit Amsterdam
- **1 May 2023** – Lyria Bennett Moses and Monika Zalnieriute pre-recorded a presentation for the International Criminal Court (ICC) focussing on the AIJA Report project as part of the ICC’s training program
- **3 May 2023** – Hub hosted a [LegalTech Venture Day Australia competition](#) at Allens, in conjunction with the [Legal Hour panel discussion](#)
- **4 May 2023** – Lyria Bennett Moses participated in a panel discussion at a Privacy Awareness Week event at KPMG
- **4 May 2023** – Lyria Bennett Moses attended a lunch time event with Aware Super on data practices and data law
- **5 May 2023** – Lyria Bennett Moses on a panel at a Privacy Enhancing Technologies (PETs) Workshop
- **12-21 May 2023** – Lyria Bennett Moses participated in the Digital Governance Conference at Bar-Ilan University, Israel and attended various meetings as a visiting fellow
- **17-18 May 2023** – Lyria Bennett Moses presented a keynote speech at the Second University of Central Punjab (UCP) International Conference on Law Tech and Legal Education in Pakistan
- **25 May 2023** – Lyria Bennett Moses spoke on a panel titled ‘Lessons for in-house counsel from cyber security’s front lines’ at the Corporate Counsel Summit 2023
- **7 Jun 2023** – Lyria Bennett Moses spoke at a panel discussion on AI at the Royal Yacht Squadron with Professor Toby Walsh at UNSW Engineering
- **13 Jun 2023** – Lyria Bennett Moses spoke on [Radio National](#) about ChatGPT
- **13 Jun 2023** – Lyria Bennett Moses attended a Department of Industry meeting to discuss government involvement in Australian Standards
- **16 Jun 2023** – Lyria Bennett Moses spoke as part of the dialogue at the Nobel Prize Dialogue Sydney 2023 Virtual Event
- **19 Jun 2023** – Lyria Bennett Moses attended meeting for the Trustworthy Digital Society Hub (TDSH), a new Hub between UNSW and UTS directed by Victor Dominello
- **20 Jun 2023** – Lyria Bennett Moses attended an Expert Advisory Group meeting for a UTS-led project with the James Martin Institute for Public Policy (on AI)
- **21 Jun 2023** – Hub hosted a seminar in the Challenges for a Cyber-Physical World online seminar series, titled [‘Transparency in the Consumer Internet of Things’](#) with Anna Ida Hudig of the University of Cambridge
- **22 Jun 2023** – Lyria Bennett Moses spoke at the Bar Association event on security, privacy and online platforms
- **26 Jun 2023** – Hub co-hosted a [Freedom of Expression in a Digital Age](#) seminar event with the Gilbert + Tobin Centre of Public Law, chaired by Lyria Bennett Moses

- **26 Jun 2023** – Kayleen Manwaring interviewed on Youth Jam Radio Perth on period and fertility tracking apps
- **27 Jun 2023** – Lyria Bennett Moses spoke on the [Techxistential Crisis podcast](#) on AI technologies
- **28 Jun 2023** – Lyria Bennett Moses attended a meeting on Law as Code (Rules as Code) with Israeli Government to share ideas
- **3-4 Jul 2023** – Lyria Bennett Moses attended a Cyber Security CRC event in Brisbane
- **4 Jul 2023** – Kayleen Manwaring attended a workshop held by the Commonwealth Department of Industry, Science and Resources on emerging issues in quantum technologies for the proposed Australian Centre for Quantum Growth
- **7 Jul 2023** – Lyria Bennett Moses presented at the [Australasian Law Academics Association Conference](#) in Christchurch New Zealand, on ‘Rules as Code and Law-Tech Pluralism’
- **14 Jul 2023** – Lyria Bennett Moses presented at the [Algorithmic Justice Symposium](#), on ‘AI Decision-Making in Courts and Tribunals: A Project to Preserve Judicial Values’
- **17-21 July 2023** – Kayleen Manwaring co-developed and co-taught course for Law Schools Global League (LSGL) undergraduate and postgraduate students at Kings College London on ‘Global Perspectives on Emerging Technologies and Sustainability’
- **19-20 Jul 2023** – Katharine Kemp participated in Australia-Brazil Virtual Research Collaboration on Citizen Data
- **25 July 2023** – Kayleen Manwaring presented at the Law Schools Global League Academic Conference at the Dickson Poon School of Law, Kings College London, on ‘Repairing and Sustaining the Third Wave of Computing’
- **26 July 2023** – ‘Putting ‘no’ on the table: Refusal in the age of datafication’ – hybrid workshop convened by Tanja Dreher (Data Justice Research Network stream leader) and Danielle Hynes (DJRN HDR)
- **2 Aug 2023** – Lyria Bennett Moses interviewed for [‘TEMU’s business model could only work in China. But they’re racing to replace Amazon in the global market - ABC News’](#)
- **3 Aug 2023** – Lyria Bennett Moses spoke at the Legislative Drafters Conference on problems with technology specific regulation
- **9 Aug 2023** – Lyria Bennett Moses attended a Senior Policy Maker briefing event at the James Martin Institute looking at AI in the NSW government
- **9 Aug 2023** – Kayleen Manwaring interviewed for [‘Google says AI systems should be able to mine publishers’ work unless companies opt out – The Guardian Australia’](#)
- **11-13 Aug 2023** – Hub hosted the Legal Forecast Hackathon
- **16 Aug 2023** – Lyria Bennett Moses presented on [‘Governance of what? Regulation of Artificial Intelligence, Algorithms and Automation’](#) at Commonwealth Parliamentary Research event
- **20 Aug 2023** – Katharine Kemp interviewed for ABC RN Rear Vision on [‘Too Powerful to Regulate: The Battle to Rein in Big Tech’](#)

- **22 Aug 2023** – Katharine Kemp received [Emerging Leader Award](#) at The Australian Financial Review Higher Education Awards
- **25 Aug 2023** – Lyria Bennett Moses participated in a workshop on misinformation and disinformation at Deakin University, an initiative by the Cyber Security Cooperative Research Centre (CRC)
- **28 Aug 2023** – Lyria Bennett Moses participated in a panel discussion in Canberra at the [Third Copyright Roundtable on Copyright](#) chaired by the Attorney-General's Department on implications of artificial intelligence for copyright law
- **29 August 2023** – Kayleen Manwaring attended a workshop held by the Commonwealth Department of Industry, Science and Resources on emerging issues in quantum technologies for the purposes of the Critical technologies challenge program
- **4 Sep 2023** – Katharine Kemp participated in [Reset Tech Roundtable](#) on 'Targeted Advertising and the Privacy Act'
- **4 Sep 2023** – Lyria Bennett Moses attended a Standards meeting (Standards Australia IT-023 on AI standards)
- **10 Sep 2023** – Marc de Leeuw organised two panels on 'Cognitive Assemblages', and gave a talk at the Annual Meeting of the 'Society for the Social Study of Science and Society' (4S) in Honolulu (Hawaii).
- **15 Sep 2023** – Kayleen Manwaring presented at the '[CyberOz: Engineering the Future of Cybersecurity, IPv6 and AI](#)' conference at UNSW on 'Safety not guaranteed: regulating for cyber security in consumer IoT'
- **19 Sep 2023** – Lyria Bennett Moses on panel at the [International Standards Organisation annual meeting](#) in Brisbane regarding cyber security and standards
- **20 Sep 2023** – Lyria Bennett Moses presented at the inaugural [Cyber Security NSW Summit](#) on the legal complexity for cyber security
- **27 Sep 2023** – Lyria Bennett Moses [presented findings](#) to the Data Standards Advisory Committee around information security risk in the context of the Data Standards Chair's responsibilities
- **27 Sep 2023** – Lyria Bennett Moses presented at University of Sydney on AI regulation
- **28 Sep 2023** – Katharine Kemp interviewed for ABC TV on 'Government Flags Changes in Response to Privacy Act Review'
- **28 Sep 2023** – Hub co-hosted UNSW Book Forum event for [#HELP: Digital Humanitarianism and the Remaking of International Order](#)
- **30 Sep 2023** – Katharine Kemp interviewed for Hearsay The Legal Podcast [episode](#) titled 'Naked and Infamous: Exposing Fertility App' Use and Abuse of Health Data'
- **5 Oct 2023** – Lyria Bennett Moses discussed in a plenary opening session at the [Law Society of NSW Annual Conference](#), titled 'The Great Debate: Chat GTP – is it a nay or an aye for AI and the legal profession'
- **10 Oct 2023** – Katharine Kemp spoke at a webinar hosted by the Consumer Policy Research Centre titled '[Making Unfair Illegal](#)'

- **10 Oct 2023** – Hub co-hosted a talk with UNSW AI Institute featuring Hub visitors from Finland, Karin Väyrynen and Arto Lanamäki, on AI regulation and compliance
- **11 Oct 2023** – Lyria Bennett Moses [presented](#) at Standards Australia’s World Standards Day [event](#) under the theme: ‘A shared vision for a better world’
- **13 Oct 2023** – Katharine Kemp published an article titled ‘[Cars are a ‘privacy nightmare on wheels’](#)’ on *The Conversation*
- **16 Oct 2023** – Katharine Kemp interviewed on ABC TV on ‘Cars with internet-connected features sharing personal data with third parties’
- **16 Oct 2023** – Lyria Bennett Moses on a panel at SXSW on the future of work (city-wide music festival, futurist think tank, a showcase of the latest games, alongside film and TV world premieres and next-gen technology expo)
- **18 Oct 2023** – Katharine Kemp was participated at select Commonwealth Treasury Roundtable on Unfair Trading Practices Prohibition
- **21 Oct 2023** – Katharine Kemp presented at the 6th International Forum Computational Law: Data-Driven Artificial Intelligence Rule of Law, Beijing, China
- **27 Oct 2023** – Hub co-hosted Future of Privacy Forum Digital Security Salon, with Lyria Bennett Moses, Katharine Kemp and Susanne Lloyd-Jones participating
- **2 Nov 2023** – Lyria Bennett Moses presented at [Royal Society of NSW and Learned Academies Forum 2023](#) with the theme ‘Our 21st Century Brain’ in the Government House, on ‘Turbocharging Human Intelligence with Artificial Intelligence’
- **3 Nov 2023** – Lyria Bennett Moses spoke on a panel on ‘AI in Government’ at the [4th AI Policy Summit 2023](#)
- **11 Nov 2023** – Lyria Bennett Moses participated in NSW Young Lawyers panel on ‘AI for Good’
- **19-21 Nov 2023** – Lyria Bennett Moses presented at the [Computational Law on Edge conference](#) in Brussels on ‘Legal Education in an Era of Convergence’
- **22 Nov 2023** – Katharine Kemp spoke at a panel discussion at [UNSW AI Symposium](#) on ‘AI and Law’
- **24 Nov 2023** – Research Scholar Wanda Kuai and Kayleen Manwaring presented at the ‘Modifiable Futures: A Right to Repair Assistive Technologies?’ [workshop](#) hosted by the UNSW Disability Innovation Institute and the UNSW Allens Hub on ‘Assistive technologies and legal barriers to repair and modification’
- **30 Nov 2023** – Katharine Kemp presented on digital platform regulation at the [Global Competition Review Conference](#)
- **30 Nov- 1 Dec 2023** Hub Workshop ‘Cognitive Assemblages: Persons, Sensors, Networks’, organized by Marc de Leeuw, Fleur Johns, and Nofar Sheffi. Workshop opened with Public Talk by Professor Gunther Teubner on "[Human-algorithm-associations as Hybrids: Who is acting? Who is responsible? Who is liable?](#)"
- **2-3 Dec 2023** – Lyria Bennett Moses spoke at the [Asian Law Schools Association 2023 Law and Technology Conference](#) at National Yang Ming Chiao Tung University, Taiwan on ‘AI Decision-Making in Courts and Tribunals: A Project to Preserve Judicial Values’

- **3 Dec 2023** – Kayleen Manwaring presented at [Asian Law Schools Association 2023 Law and Technology Conference](#) at National Yang Ming Chiao Tung University, Taiwan on 'AI in the Cyber-Physical World: navigating the legal landscape'
- **3 Dec 2023** – Tony Song presented at [Asian Law Schools Association 2023 Law and Technology Conference](#) at National Yang Ming Chiao Tung University, Taiwan on 'Tokenization of Real World Assets'
- **3 Dec 2023** – Katharine Kemp presented at the Australian New Zealand Consumer Law Roundtable and received the award for most outstanding presentation by an established academic
- **4 Dec 2023** – Lyria Bennett Moses presented at Academia Sinica in Taipei on the regulation of AI
- **12 Jan 2024** – Marc de Leeuw presented at [Editorial Discretion: Transnational Governance at the Frontiers of Biotechnology](#) organized by the '[Global Observatory for Genome Editing](#)' lead by Sheila Jasanoff (Harvard Kennedy School), and Benjamin Hurlbut (ASU) in Bangalore (India)
- **18 Jan 2024** – Lyria Bennett Moses participated in Turing-ASPI-CSCRC Disinformation and Election Security Online Workshop
- **30 Jan 2024** – Lyria Bennett Moses gave evidence before parliamentary committee on AI in education (co-representing UNSW)
- **31 Jan 2024** – Lyria Bennett Moses participated in event at UTS Human Technology Institute
- **1 Feb 2024** – Lyria Bennett Moses spoke at [2024 Australasian Computer Science Week](#)
- **8 Feb 2024** – Katharine Kemp presented webinar on privacy and consumer protection issues in fertility apps for the Law and Economic Association of New Zealand (LEANZ)
- **6 Feb 2024** – Katharine Kemp spoke on Value Driven Data Science podcast (episode 37) titled '[Data Privacy in the Age of AI](#)'
- **9 Feb 2024** – Lyria Bennett Moses and Shohini Sengupta gave oral evidence on Digital ID Bill and Digital ID Rules to the Senate Economics Legislation Committee
- **19 Feb 2024** – Kayleen Manwaring and Susanne Lloyd-Jones participated in an expert roundtable for the Department of Home Affairs
- **22 Feb 2024** – Lyria Bennett Moses spoke at event run by Financial Sector - Information Sharing and Analysis Centre (FS-ISAC)
- **28 Feb 2024** – Lyria Bennett Moses participated in meeting of Law Society of New South Wales AI [Taskforce](#)
- **29 Feb 2024** – Lyria Bennett Moses participated in a panel discussion hosted by Standards Australia and Data61 titled "What is the AI Management System Standard and why do we need it?"
- **7 Mar 2024** – Hub hosted the Quantum Resilience Workshop, with Susanne Lloyd-Jones and Kayleen Manwaring facilitated sessions and presented on 'Moving towards quantum resilience: technological change and legal uncertainty'
- **7 Mar 2024** – Marc de Leeuw presented in the Hub Quantum Resilience Workshop on **Quantum, Spooky Actions, Acceleration, Law**

- **8 Mar 2024** – Lyria Bennett Moses participated in a panel discussion titled ‘Community Impact – Addressing Concerns with Privacy, Discrimination & Public Trust’ at the [Annual Police Technology Forum](#) in Canberra
- **11 Mar 2024** – Hub hosted an event featuring Dr Kris Shrishak, an EU artificial intelligence regulation expert from the Irish Council of Civil Liberties
- **11 Mar 2024** – Lyria Bennett Moses and Kayleen Manwaring gave evidence at the Parliamentary Committee enquiry into artificial intelligence in NSW
- **12 Mar 2024** – Lyria Bennett Moses gave evidence to Victorian Integrity and Oversight Committee inquiry into the Freedom of Information Act (FOI)
- **20 Mar 2024** – Lyria Bennett Moses met with Commonwealth Ombudsman officers concerning oversight of law enforcement intelligence, governance of automated decision-making
- **21-22 Mar 2024** – Lyria Bennett Moses attended conference with Hanoi University Visiting Fellows
- **25 Mar 2024** – Hub hosted event to launch Paul Burgess’ book on AI and the Rule of Law
- **26 Mar 2024** – Lyria Bennett Moses attended 2024 Information and Privacy Advisory Committee Meeting (IPAC)
- **27 Mar 2024** – Lyria Bennett Moses presented at RMIT Generative AI Community of Practice
- **4 Apr 2024** – Katharine Kemp spoke on This Week in Digital Trust [podcast](#) on the intersection of privacy and competition regulation
- **6-7 Apr 2024** – Lyria Bennett Moses presented at [National Judicial College of Australia \(NJCA\) conference](#) in Canberra on AI and the courts
- **24 Apr 2024** – Launch of the International Digital Policy Observatory, Lyria Bennett Moses and Daniel Joyce being CIs
- **2 May 2024** – Katharine Kemp presented on data privacy class actions at [Corporate Conduct and Class Actions Symposium](#) in Sydney
- **2 May 2024** – Lyria Bennett Moses spoke at University of Queensland’s Current Legal Issues seminar titled ‘[Legal Futures: Where Should Artificial Intelligence Take Us?](#)’
- **15 May 2024** – Lyria Bennett Moses, Susanne Lloyd-Jones and Kayleen Manwaring participated in an invitation-only Arizona State University Quantum Governance Workshop, USA
- **16-17 May 2024** – Lyria Bennett Moses, Kayleen Manwaring and Susanne Lloyd-Jones presented at the [Annual Conference on Governance of Emerging Technologies and Science](#) at Arizona State University, USA
- **21 May 2024** – Susanne Lloyd-Jones and Kayleen Manwaring attended the [2nd Annual Stanford Responsible Quantum Technology Conference: Responsible Quantum Simulation](#) at Stanford University, USA
- **31 May 2024** – Katharine Kemp presenting at Competition Law Conference in Sydney

Hub Communications

Evaluating Success – As per the Hub's communications strategy document and the end of

Communications Method	Metrics
Quarterly Newsletter	<p>The newsletter mailing list currently has ~1,100 subscribers.</p> <p>Four newsletters were produced in 2023/2024.</p> <p>An average of 36% of subscribers opened the newsletters.</p> <p>The average click through was 7%</p>
Twitter	<p>The Hub's twitter account currently has over 861 followers and has made over 967 tweets.</p>
LinkedIn	<p>The Hub's presence on LinkedIn is new and growing, with our page created in 2022.</p> <p>The Hub has 381 followers.</p> <p>The demographics of our followers on LinkedIn - by industry – includes: Higher Education (19.9%); Law Practice (17.6%); Legal Services (6.8%); Business Consulting and Services (3.9%); Software Development (3.7%); Government Administration (3.7%).</p>
Website	<p>Website engagement oscillates as people look at events and news. The website also operates as a useful repository for media mentions, events, submissions and updates.</p> <p>During 2023/2024, a total of 18,731* page views.</p> <p><i>*Data provided from UNSW google analytics reporting. Period covers 1 Jan 2023 to 14 May 2024</i></p>
Media	<p>*Between 10 May 2023 and 10 May 2024 reference to the words, 'UNSW Allens Hub' and 'Lyria Bennett Moses' was mentioned in the media 223 times, including the coverage types listed below. This had a potential audience reach of 14,888,200.</p> <p>Radio: 160</p> <p>TV: 8</p> <p>Influencer Social: 9</p> <p>Online: 41</p> <p>Print: 5</p> <p><i>*Statistics provided from UNSW Media Coverage report compiled on 10/05/2024. Period covers 10 May 2023 to 10 May 2024.</i></p>
Research is being used in the public domain	<p>17 submissions were made by the Hub and its members between 1 Jan 2023 and 1 June 2024.</p>

Publications

Publications are organised by streams, briefly explaining the focus of publications this year. In addition, Hub members have explored a variety of other topics in the field, and those publications are also included under relevant topic headings. The publications as a whole embrace theoretical, empirical and doctrinal approaches and a wide variety of issues. Some of these look at the relationship of law, technology and innovation at a broad level, while most others engage with specific questions that arise in a particular context.

Access to Justice and Technology

The Access to Justice and Technology stream brings together academics, practitioners, innovators and change makers to undertake rigorous evidence-based research and advocacy aimed at increasing access to justice through the use of technology.

Building the leading, national network

We are connecting national stakeholders who are invested in access to justice and legal technology, including community legal centres (CLCs), not-for-profit (NFP) law firms, low-bono and commercial law firms, tech firms and universities.

Research and advocacy

We are carrying out evidence-based research and advocacy in relation to the potential uses and impact of inclusive legal technology in the access to justice space, and structural change aimed at removing impediments to the uptake of such technology.

Knowledge sharing

We are fostering collaboration and capacity building through sharing knowledge and learnings, and disseminating information about initiatives, challenges, and opportunities to use, re-purpose and capitalise on existing initiatives. Our website (below) will publish the definitive register of technology-enabled access to justice initiatives in use in Australia at any one time.

Support for initiatives

We are providing additional support for initiatives by leveraging pro bono legal, IT, project management and marketing support, government funding and assistance, and research and student support (and learning opportunities) from universities.

- (1) Ghezelbash D; Dorostkar K. (2023). '[Understanding the Politics of Refugee Law and Policy Making: Interdisciplinary and Empirical Approaches](#)', *Journal of Refugee Studies*, fead039.
- (2) Ghezelbash, D., Dorostkar, K., Bridle, M. (2023). [Submission to the Attorney-General's Department responding to the Administrative Review Reform: Issues Paper](#).
- (3) Ghezelbash, D., McAdam, J. (2023). '[Why the Government's Plan to Overhaul the Asylum System is a Smart Use of Resources – and Might Just Work](#)', *The Conversation*.
- (4) Ghezelbash, D., Talbot, A. (2023). '[High Court reasons on immigration ruling pave way for further legislation](#)', *The Conversation*.
- (5) Ghezelbash, D., Dorostkar, K., Bridle, M. (2024). [Submission to the Inquiry into the Administrative Review Tribunal Bill 2023 \(ART Bill\) and the Administrative Review Tribunal \(Consequential and Transitional Provisions No.1\) Bill 2023 \(Consequential and Transitional Bill\)](#).

- (6) McAdam, J., Barbour, B., Higgins, C., Ghezelbash, D., Gleeson, M., Harley, T. (2023). [‘Our Cruel and Costly Offshore Processing System was a Failure. We have a Better Solution on Asylum Policy’](#), *The Conversation*.

AI Decision Making and Law

The AI Decision Making and the Law stream explores the relationship between various automation and inference techniques, popularly known as AI, and increasing technologisation of decision-making in governments, courts, corporations and society.

- (7) Bednarz, Z., & Zalnieriute, M. (Eds.). (2023). [Money, Power, and AI: Automated Banks and Automated States](#). Cambridge: Cambridge University Press.
- (8) Zalnieriute, M. (2024). [‘Facial Recognition Surveillance and Public Space: Protecting Protest Movements’](#). *International Review of Law, Computers & Technology*, 1-20.
- (9) Zalnieriute, M. (2023). [‘Against Procedural Fetishism in the Automated State’](#). In Z. Bednarz & M. Zalnieriute (Eds.), *Money, Power, and AI: Automated Banks and Automated States*, Cambridge: Cambridge University Press, 221–240.
- (10) Zalnieriute, M. (2023). [‘Glukhin v. Russia. App. No. 11519/20. Judgment’](#). *American Journal of International Law*, 117(4), 695–701.
- (11) Zalnieriute, M. (2023). [‘Against Procedural Fetishism: A Call for a New Digital Constitution’](#). *Indiana Journal of Global Legal Studies*, 30(2), 227-263.

Challenges for a Cyber-Physical World

The stream continued its public seminar series Challenges for a Cyber-Physical World to provide awareness-raising for scholars and practitioners to educate them on potential harms and other issues that may be created by a cyber-physical world. The 2023/4 series invited presentations from scholars from leading universities in the UK (Cambridge University and Edinburgh University), and encompassed presentations on two publicly funded interdisciplinary research projects involving computer science and law relating to (1) data collected and disclosed by the Internet of Things and (2) cybersecurity in smart homes. One article on right to repair in the context of the Internet of Things was published in an international journal. Two book chapters (one on right to repair and one discussing new sources of evidence from the Internet of Things) were accepted, with one published and one now in press. One academic article is currently under review (on critical infrastructure). The Hub has also welcomed another international HDR candidate, Associate Professor Shohini Sengupta, who is working on a study of financial exclusion relating to the Aadhaar card and related identity system in India. Shohini is supervised jointly by Professor Ross Buckley and Dr Natalia Jevglevskaja with co-supervisor Stream Lead Dr Kayleen Manwaring. The Stream Lead presented at several national and international academic and industry conferences, was involved in several grant applications, gave evidence at a NSW Parliamentary inquiry and co-wrote several submissions for the Hub. One research officer, Wanda Kuai and one research assistant, Mandy Zhou, were employed to assist with research. Partially based on her work as Stream Lead, Kayleen Manwaring was appointed Associate Professor at UNSW Law & Justice as of 1 January 2024 and also Yong Pung How Visiting Scholar at Singapore Management University (SMU) for 2024. As Visiting Scholar, she will visit SMU in October 2024 order to continue comparative research on the legal implications of cyber-physical devices and systems.

- (12) Legg, M., Manwaring, K. (2023). '[New Sources of Discovery and Evidence: Electronically Stored Information, Social Media, Artificial Intelligence and the Internet of Things](#)'. In Legg M. (ed.), *Resolving Civil Disputes*, 2nd ed. LexisNexis.
- (13) Manwaring, K. (2024). '[Slowing Down the Loop': Smart Devices and the Right to Repair](#). *International Review of Law, Computers and Technology*, 38.
- (14) Manwaring, K. (2024). 'Repairing the third wave of computing' in Kim N; Elvy S-A (eds.), *Cambridge Handbook on Emerging Issues at the Intersection of Commercial Law and Technology*. (Forthcoming).

Data Justice Research Network

Data justice is increasingly recognised as an important aspect of the datafication and automation of decision making. Yet the meaning of data justice is often context dependent. Clarifying both how data justice arises as a problem in need of addressing and how it can be defined, measured, and delivered requires an in-depth investigation of the operation and consequences of a variety of data analytic tools in different social and organisational settings. While regulation is an important strategy for seeking just outcomes, an appreciation of the dynamics of technological change in specific application settings is crucial to the design of regulation and its effectiveness. The Data Justice Research Network stream (DJRN) engages with academic staff from ADA, Computer Science and Engineering, Faculty of Medicine, civil society organisations and government organisations.

Events/Activities:

26 July 2023: 'Putting 'no' on the table: Refusal in the age of datafication' – hybrid workshop convened by Tanja Dreher (stream leader) and Danielle Hynes (HDR). This was a very successful workshop that brought together 30+ scholars across all career stages, several disciplines (Law, Media and Communications, Sociology, Cultural Studies) and affiliations (UNSW, UOW, USyd, WSU, UTS, Monash and more). The workshop identified high levels of interest in the theme and has seeded a work in progress article in development, and plans for a collaborative grant application. Co-convening the workshop provided further experience and capacity building for HDR and former stream leader, Danielle Hynes. Stream Leader Associate Professor Tanja Dreher, former Stream Leader Danielle Hynes and Dr Andrew Whelan (UOW) have begun a collaboration to develop an ARC Discovery grant application on the theme of data justice and refusal, as explored at the successful Allens DJRN workshop in July. The collaboration and grant proposal will be developed throughout 2024 for DP26 submission in February 2025.

HDR capacity building:

The focus on HDR capacity building at the DJRN has contributed to significant HDR success, including:

Danielle Hynes, former Allens DJRN stream co-leader (2019 – 2022), has been appointed to a prestigious postdoctoral fellowship to work with leading international scholar on Smart Cities, Professor Rob Kitchin, at Maynooth University. This appointment demonstrates the value of Danielle's work and capacity development as DJRN stream co-leader and will provide excellent opportunities to develop international collaborations. Danielle's PhD thesis was recently accepted with excellent Examiner Reports and nominations for the ADA Deans Award for Outstanding Thesis

Kevin Witzemberger, former active HDR member of DJRN, has recently begun a 4-year postdoc on generative AI with the media department at QUT.

Publication outcomes:

Publications all engage in critical analyses of aspects of using technology for the legal/justice system, Edtech or the regulation of technologies. The final work in progress article arises directly from the workshop of the same name supported by the Allens Hub and convened by Tanja Dreher and Danielle Hynes.

- (15) James, A., Hynes, D., Whelan, A., Dreher, T., & Humphry, J. (2023). '[From Access and Transparency to Refusal: Three Responses to Algorithmic Governance](#)'. *Internet Policy Review*, 12(2).
- (16) Randell-Moon, H. E. K., & Hynes, D. (2024). '[Spatial Justice, Mobile Futures and First Nations Telecommunications Landscapes in Regional and Rural Australia](#)'. *Media International Australia*, 190(1), 85-99.
- (17) Thompson, G., Gulson, K. N., Swist, T., & Witzemberger, K. (2023). '[Responding to Sociotechnical Controversies in Education: A Modest Proposal toward Technical Democracy](#)'. *Learning, Media and Technology*, 48(2), 240-252.
- (18) Witzemberger, K. (2023). Automating Education: Investigating the emergence of Artificial Intelligence in education governance. (Doctoral dissertation, UNSW Sydney).
- (19) de Souza, P., Dreher, T. (2023). '[Resistance, Reclamation and Repair: The Parragirls Feminist Archive and Reparative Media Practices in the Wake of Institutional Harm and Media Damage](#)'. *Feminist Media Studies*, 24(4), 783–799.
- (20) James, A., Hynes, D., Whelan, A., Dreher, T., Humphry, J. (2023). '[From Access and Transparency to Refusal: Three Responses to Algorithmic Governance](#)'. *Internet Policy Review*, 12(2).

Publication in progress:

Tanja Dreher, Danielle Hynes, Andrew Whelan, Andrew Brooks, 'Putting 'no' on the table: Refusal traditions for the age of ubiquitous datafication- - refereed journal article arising from 2023 DJRN workshop.

Fintech

Research output in this stream – journal articles, book chapters, reports and submissions – addresses a wide range of issues that the rise of data-driven technology in finance poses for society. Among others, it covers blockchain, central bank digital currencies (CBDCs), FinTech and RegTech, artificial intelligence, and the Consumer Data Right.

- (21) Didenko, A. (2024). '[Australia's Consumer Data Right and Its Implications for Consumer Trust](#)'. *Monash University Law Review*, 50(1), 1-37
- (22) Didenko, A., Jevglevskaia, N., Buckley, RP. (2024). [Customer Data Sharing Frameworks: Twelve Lessons for the World](#) (1st ed.). Routledge.
- (23) Buckley, RP., Arner, DW. and Zetzsche, DA. (2024). [FinTech: Finance, Technology and Regulation](#). Cambridge University Press.
- (24) Jevglevskaia N. and Buckley, RP. (2024). '[Australia: Data Portability Developments](#)'. *European Data Protection Law Review*, 10(1), 74-82.
- (25) Jevglevskaia N. and Buckley, RP. (2023). '[A World-Leading Sanitation System for our Digital Economy: The Consumer Data Right](#)'. *Australian Business Law Review*, 51(4), 194-212.
- (26) Zetzsche, DA., Arner, DW. and Buckley RP. (2023). '[Sustainability, Financial Inclusion and Efficiency: A Trilemma or a Trifecta for the Regulation of Finance](#)'. *Banking and Finance Law Review*, 39(3), 445-466.

- (27) Jevglevskaia N. and Buckley RP. (2023). '[Screen Scraping in Australian Finance](#)'. *University of Queensland Law Journal*, 42(2). 277-307.
- (28) Buckley, RP., Didenko, AN. and Treczinski, M. (2023) '[Blockchain and its Applications: A Conceptual Legal Primer](#)'. *Journal of International Economic Law*, 26(2), 363-383.
- (29) Buckley, RP., Arner, D., Zetsche, D., Weber, R. and Trzecinski, M. (2023). '[Technology, FinTech and Capital Markets: The EU Experience with Digital Transformation](#)' in I Chiu and I MacNeill, *FinTech and COVID-19: Impacts, Challenges and Policy Priorities for Asia*. Research Handbook on Capital Markets, 26–41.
- (30) Wang, H. and Buckley, RP. (2023). '[The Coming Central Bank Digital Currency Revolution and the e-CNY: Considerations and Ramifications](#)'. *Singapore Journal of Legal Studies*, 145-172.
- (31) Arner, DW., Buckley, RP., Zetsche, DA., Tang, BW. and van Romburg, LJ. (2023). '[The Regulation of Artificial Intelligence in Finance](#)' in N Remolona (ed), *The Use of Artificial Intelligence in the Financial Sector: Opportunities and Regulatory Developments*. Edward Elgar, 294-319.
- (32) Buckley, RP. and Trzecinski, M. (2023). '[Central Bank Digital Currencies and the Global Financial System: The Dollar Dethroned?](#)'. *Capital Markets Law Journal*, 18(2), 137-171.

Publication in progress:

- (33) Arner, DW., Buckley, RP., Zetsche, DA. and Didenko, A. (forthcoming). 'Monetary Hegemony, Technological Evolution and the International Monetary System', *Boston University International Law Journal*.
- (34) Woxholth, J., Zetsche, DA., Buckley, RP. and Arner, DW. (forthcoming). '[Competing Claims to Crypto-assets](#)', *Uniform Law Review*.
- (35) Didenko, A. (2024, forthcoming). 'New Ways to Reinforce Consumer Trust in Australia's Consumer Data Right'. *Monash University Law Review*, 50(1).

Hybrid Life and Legal Personhood

The 'Hybrid Life and Legal Personhood' focusses on the hybridization of natural and artificial cognition, agency and responsibility and its legal implications. In 2023 this Hub Stream organised a workshop at UNSW (30 Nov - 1 Dec 2023), and two special panels at the Annual Meeting of the Association for the Social Study of Science and Society (4S) in Honolulu (10 November 2023); both workshop and panels were on 'Cognitive Assemblages: Persons, Sensors, Networks'. On November 30th to open the workshop renowned legal scholar Professor Gunter Teubner gave a UNSW Public Talk on "Human-algorithm-associations as Hybrids: Who is acting? Who is responsible? Who is liable?" (over 70 participants). In total 27 domestic and international academics participated (including some HDR students) in the panels and workshop which were a great success. In June 2024 Marc de Leeuw, Fleur Johns, and Nofar Sheffi submitted a special issue proposal on 'Cognitive Assemblages' for the STS flagship journal *Science, Technology, and Human Values* to share the workshop and panels' findings.

In January 2024 Marc de Leeuw participated in the workshop [Editorial Discretion: Transnational Governance at the Frontiers of Biotechnology](#) organized by the '[Global Observatory for Genome Editing](#)' lead by Sheila Jasanoff (Harvard Kennedy School), and Benjamin Hurlbut (ASU) in Bangalore (India) and asked to organize the next workshop of the GGO, as well as edit a special journal issue on 'Genomics in the Global South'.

Marc de Leeuw participated in the Towards Quantum Resilience workshop on 7 March 2024, organized by Susanne Lloyd-Jones and Kayleen Manwaring at UNSW. This resulted in a collective DFAT grant submission Translating Quantum by Sushmita Rui, Ron Van der Meyden (UNSW Computer Science and Engineering), Susanne Lloyd-Jones, Kayleen Manwaring, Marc de Leeuw (UNSW Law & Justice), and Teja Chintalapati, Subhamoy Maitra, Sabyasachi Karati (Data Security Council India).

Publication outcomes:

- (36) De Leeuw, M., van Wichelen, S. (2024). [*Biologicalities: A Critical Introduction*](#). New York: Palgrave McMillan.

IP, Sustainability & Open Architecture

In March 2023 the stream hosted the [UNSW Symposium - Open Sustainability](#), led by Professor Kathy Bowrey (UNSW Law & Justice) and Dr Luciano Cardellicchio (School of Built Environment, ADA). This was an industry-facing symposium with presenters including Distinguished Professor Deo Prasad (UNSW) discussing the transition to net carbon buildings; Dr Declan Kuch, (University of Western Sydney) on Making Knowledge Public: Lessons from Sociology; Carolyn Pidcock, a leader in sustainable architectural design, showing best practice examples and lessons to help connect and share knowledge; Jill Hopkins, (NSW Government Architect) On Sustainable buildings in the NSW planning system; and Professor Leanne Wiseman (Griffith University) on Opening IP for the Circular Built Environment.

The event led to follow up meetings with the Office of the Government Architect NSW and negotiations over access to various potential building sites to explore the potential to live harvest green knowledge and demonstrate how innovation lessons could be made more freely available. While similar research projects have been successfully conducted overseas, in Australia there are many practical obstacles in gaining access to construction sites to conduct similar research into innovation in architectural and construction practice. Negotiations are ongoing.

Further research and policy work was conducted into discussion of the public funding of research and development and the global Open Research/Open Science movement. This body of work led to several publications and underpinned the submission to a relevant government inquiry listed below.

- (37) Bowrey, K., Cochrane, T., Hadley, M., McKeough, J., Pappalardo, K., Weatherall, K. (2024). [‘Managing Ownership of Copyright in Research Publications to Increase the Public Benefits from Research’](#). *Federal Law Review*, 52, 3-33.
- (38) Bowrey, K., Cochrane, T., Hadley, M., McKeough, J., Thiel, J., Pappalardo, K., Watson, I., Weatherall, K. (2024). [Producing, Owning and Managing Knowledge in the 21st Century University: Fieldwork Report](#). University Open Access Publishing.
- (39) Professor Kathy Bowrey, Emeritus Professor Tom Cochrane, Dr Marie Hadley, Emerita Professor Jill McKeough, Dr Kylie Pappalardo, Professor Irene Watson, Professor Kimberlee Weatherall (DP200110578), Submission to Australian Research Council (ARC) and the Australian Government Department of Education (the Department) Consultation: Policy Review of the National Competitive Grants Program, 3 May 2024.

Right to Repair

This stream aimed to address the intersections between repair practices in specific contexts and the wider legal and regulatory debate concerning the need to reflect rights to repair in contemporary intellectual property and consumer law.

- (40) Munro, PG., Samarakoon, S., Kearnes, M., Paisley, C. (2023). [‘The Right to Repairable Energy: A Political Ecology Off-Grid Solar Repair in Zambia’](#). *Political Geography*, 106.

Miscellaneous

- (41) Bennett Moses, L. (2024). ‘A Reply: Accountability of Automated Decision-Making’. *Journal of Cross-Disciplinary Research in Computational Law*, 2, 19-21.
- (42) Bennett Moses, L. (2023). [‘All Rise for the Honourable Robot Judge?’](#) *Technology and Regulation*, 2023, 53-54.
- (43) Bennett Moses, L. (2023). [‘Australia needs a robust cybersecurity overhaul – not whack-a-mole bans on apps like TikTok’](#). *The Conversation*.
- (44) Bennett Moses, L., Boughey, J., Marzol, B. (2023). Informal Release of Information under Section 8 of the Government Information (Public Access) Act 2009 (NSW).
- (45) Bennett Moses, L., Feng, R., Jha, S., Liu, V., Lloyd-Jones, S. (2023). Vulnerability Disclosure Consultation Paper response.
- (46) Bennett Moses, L., Oppermann, I., Weatherall, K., Anderson, T., Leonard, P. (2023). *Data and the Digital Self: What the 21st Century Needs*. Sydney: Australian Computer Society.
- (47) Bennett Moses, L., Weatherall, K. (2023). [‘Data Problems and Legal Solutions: Some Thoughts beyond Privacy’](#). In Bennett Moses, L., Oppermann, I., Weatherall, K., Anderson, T., Leonard, P., *Data and the Digital Self: What the 21st Century Needs*. Sydney: Australian Computer Society, 20-47.
- (48) Blackmore, H., Logan, S., Chan, J., Moses, LB. (2023). [‘Public Attitudes Towards Government Surveillance of Social Media in Australia’](#). *Surveillance and Society*, 21, 317-333.
- (49) Chan, J. (2023). [‘Unusual Suspects \(2022\)’](#). *Surveillance and Society*, 21, 287.
- (50) Cheong, M., Tan, PM. (2023). [‘The New Law on Penalties in Malaysia: The Impact of Cubic Electronics after “Cavendish Square”’](#). *Journal of Contract Law*. LexisNexis, 38(2/3), 132–159.
- (51) Cheong, MF. (2023). ‘Implication of Terms in Informal Contracts’. *Contract and Commercial Law Review*, 1, 114-119.
- (52) Clarke, R. (2023). [‘The Re-Conception of AI: Beyond Artificial, and Beyond Intelligence’](#). *IEEE Transactions on Technology and Society*, 4(1), 24-33.
- (53) Clarke, R. (2023). [‘The Theory of Identity Management Extended to the Authentication of Identity’](#), *36th Bled eConference: Digital Economy and Society: The Balancing Act for Digital Innovation in Times of Instability, BLED 2023 – Proceedings*, 663-694.
- (54) Ford, H., Richardson, M., (2023). [‘Framing Data Witnessing: Airwars and the Production of Authority in Conflict Monitoring’](#). *Media, Culture and Society*, 45, 805-821.
- (55) Jackman, A., Richardson, M., Veber, M. (2024). [‘Where are the Pandemic Drones? On the ‘Failure’ of Automated Aerial Solutionism’](#). *New Media and Society*, 26, 1183-1203.
- (56) Johns, F. (2024). [‘Rehoming Diplomacy: Privilege and Possibility in the International Law of Diplomatic Relations’](#). *University of Toronto Law Journal*, 74, Supp. 1, 69-93.
- (57) Johns, F. (2023). [‘Reading and Writing at the Interface’](#). *London Review of International Law*, 11, 547-561.

- (58) Johns, F. (2023). '[Digital Humanitarian Mapping and the Limits of Imagination in International Law](#)'. *Law and Critique*, 34, 341-361.
- (59) Johns, F. (2023). [#Help: Digital Humanitarianism and the Remaking of International Order](#), Oxford University Press.
- (60) Johns, F. (2023). '[Disastrous Law: International Law and the Shock-absorption of Disaster](#)', *American Journal of International Law*, 117. 151-171
- (61) Johns, F., Noll, G. (2023). '[Introduction to the Symposium on Critical International Law and Technology](#)'. *AJIL Unbound*, 117, 128-133.
- (62) Joyce, D. (2023). '[Communications Infrastructure, Technological Solutionism and the International Legal Imagination](#)'. *Law Critique*, 34, 363-379
- (63) Kemp, K. (2023). [Ending the Fictions in Modern Data Practices: Submission in Response to the Privacy Act Review Report](#).
- (64) Kemp, K. (2023). [Your Body, Our Data: Unfair and Unsafe Privacy Practices of Popular Fertility Apps](#).
- (65) Kemp, K., Camp, M. (2023). 'Pecuniary Penalties under the Privacy Act: Damage and Deterrence', in Kayis D; Gluer E; Walpole S (ed.), *The Law of Civil Penalties*, The Federation Press
- (66) Kemp, K., Greenleaf, G. (2023). [Ignoring Privacy Practices Would Distort Data Broker Issues](#) (Submission on Digital Platform Services Inquiry - March 2024 Report on Data Brokers - Issues Paper).
- (67) Leonard, P. (2023). 'Data Privacy, Fairness and Privacy Harms in an Algorithm and AI Enabled World. In [Data and the Digital Self: What the 21st century needs](#). Sydney: Australian Computer Society,
- (68) Lloyd-Jones, S., Lamchek, J., Bennett Moses, L. (2023). [Submission on the Exposure Draft of the Communications Legislation Amendment \(Combatting Misinformation and Disinformation\) Bill 2023](#).
- (69) Lloyd-Jones, S., Manwaring, K., Berger, T. (2024). Complex Regimes – Regulatory Overlap in the Australian Cloud Services Sector. (*under review*).
- (70) Manwaring, K. (2023). '[Why do I get so much spam and unwanted email in my inbox? And how can I get rid of it?](#)' *The Conversation*.
- (71) Manwaring, K., Narrain, S. (2023). '[41 US states are suing Meta for getting teens hooked on social media. Here's what to expect next](#)'. *The Conversation*.
- (72) Matulionyte, R., & Zalnieriute, M. (2024). '[Introduction: Facial Recognition in the Modern State](#)'. In Matulionyte, R. & Zalnieriute, M. (eds.) *The Cambridge Handbook of Facial Recognition in the Modern State*, 1-8. Cambridge: Cambridge University Press.
- (73) Morgan, B. (2023). 'Law and Social Innovation'. In [Encyclopedia of Social Innovation](#), 179-185
- (74) Mowbray, A., Chung, P., Greenleaf, G. (2023). '[Explainable AI \(XAI\) in Rules as Code \(RaC\): The DataLex Approach](#)'. *Computer Law and Security Review*, 48.
- (75) Mowbray, A., Chung, P., Greenleaf, G. (2023). '[Representing Legislative Rules as Code: Reducing the Problems of "Scaling Up"](#)'. *Computer Law and Security Review*, 48.
- (76) Nicholls, R. (2023). '[Do you trust AI to write the news? It already is - and not without issues](#)'. *The Conversation*.

- (77) Nicholls, R. (2023). [‘The \\$500 million ATO fraud highlights flaws in the myGov ID system. Here’s how to keep your data safe’](#). *The Conversation*.
- (78) Nicholls, R. (2023). [‘Associate Professor Rob Nicholls Warns About Giving Away Work Secrets on ChatGPT’](#). *Tech Business News*.
- (79) Nicholls, R. (2023). [‘Have you given away secrets on ChatGPT?’](#) *UNSW Newsroom*.
- (80) Rogers, J., Song, T. (2023). [‘Digital Marketing in The Legal Profession: What’s Going On and Does It Matter?’](#) *Law, Technology and Humans*, 5(2), 134-164.
- (81) Rogers, J., Song, T. (2023). [‘Building Trust Part 3: Supervising New Lawyers Online’](#). *Law Society Journal*.
- (82) Sanders, CB., Chan, J. (2023). [‘Methodological Reflections on Researching the Sociotechnical Imaginaries of AI in Policing’](#). In *Handbook of Critical Studies of Artificial Intelligence*, 773-782. Edward Elgar Publishing.
- (83) Song, T., Rogers, J. (2024). [Lawfluencers: Legal Professionalism on TikTok and YouTube](#), *Georgetown Journal of Legal Ethics*, 37.
- (84) Strnadová, I., Loblinzk, J., Scully, JL., Danker, J., Tso, M., Jackaman, KM., Dunn, M., Willow, SA., Sarfaraz, S., Fitzgerald, V. (2023). [“I am not a number!” Opinions and Preferences of People with Intellectual Disability about Genetic Healthcare’](#). *European Journal of Human Genetics*, 31(9), 1057-1065.
- (85) Thorpe, A. (2024). [‘Disrupting Infrastructure: Space, Speed and Street Governance’](#). In Addie, J., Glass, M. and Nelles, J. ed. *Infrastructural Times: Temporality and the Making of Global Urban Worlds*. Bristol, UK: Bristol University Press, 249-269.
- (86) Thorpe, A., Johnson, M, Hercus, C., Rudge, T., Boufous, S. (2023). [“You Exercise and You Get Paid for It”: Insights from Bicycle Delivery Riders’](#). Presented at Australasian Transport Research Forum, Perth, Western Australia, Australia, 29 November 2023 - 01 December 2023.
- (87) Thorpe, A., Johnson, M, Hercus, C., Rudge, T., Boufous, S. (2023). [‘Recruiting for Road Safety Research: Vital voices, scams and safeguards’](#). Presented at Australasian Road Safety Conference, Cairns, Queensland, Australia, 30 September 2023 - 03 October 2023.
- (88) Walsh, T., Bennett Moses, L. (2023). Correspondence with NZ Courts re Guide to Generative AI.
- (89) Xin, X., Huang, F. (2023). [‘Anti-discrimination Insurance Pricing: Regulations, Fairness Criteria, and Models’](#). *North American Actuarial Journal*, 28(2), 285–319.

Hub Submissions 2023/2024 (including joint submissions)

1. Joint Submission to the Royal Commission into the Robodebt Scheme, 10 February 2023, <https://allenshub.unsw.edu.au/news/submission-royal-commission-robodebt-scheme>
2. Joint Submission on Foreign Interference through Social Media pursuant to Terms of Reference of 24 November 2022, 16 February 2023, <https://allenshub.unsw.edu.au/news/submission-foreign-interference-through-social-media-pursuant-terms-reference-24-november-2022>
3. Submission to the Australian Government Attorney-General’s Department on Privacy Act Review, 31 March 2023, <https://allenshub.unsw.edu.au/news/submission-agd-re-privacy-act-review>

4. Joint Submission to the Expert Advisory Board on the 2023-2030 Australian Cyber Security Strategy Discussion Paper of 8 December 2022, 21 April 2023, <https://allenshub.unsw.edu.au/news/submission-expert-advisory-board-re-cyber-security-strategy>
5. Joint Submission to Cyber Security NSW on the Vulnerability Disclosure Consultation Paper, 17 May 2023, <https://allenshub.unsw.edu.au/news/submission-nsw-cyber-re-vulnerability-disclosure-consultation-paper>
6. Joint Submission to the Department of Industry, Science and Resources on safe and responsible AI, 26 July 2023, <https://allenshub.unsw.edu.au/news/submission-industry-re-safe-and-responsible-ai>
7. Submission to the Digital Platforms Branch of Australian Competition & Consumer Commission (ACCC) on data broker markets, 8 August 2023, <https://allenshub.unsw.edu.au/news/submission-industry-re-data-broker-markets>
8. Joint Submission to the Information Integrity Section of the Department of Infrastructure, Transport, Regional Development, Communications and the Arts on the exposure draft of the Communication Legislation Amendment (Combatting Misinformation and Disinformation) Bill 2023, 18 August 2023, <https://allenshub.unsw.edu.au/news/submission-exposure-draft-communication-legislation-amendment-combatting-misinformation-and>
9. Submission to the NSW Attorney General on Anti-Discrimination Act review, 29 September 2023, <https://allenshub.unsw.edu.au/news/submission-nsw-anti-discrimination-review>
10. Submission to the Legal and Constitutional Affairs Legislation Committee of the Senate, Parliament of Australia on Digital Identity and Identity Verification Bill, 2 October 2023, <https://allenshub.unsw.edu.au/news/submission-digital-id-bill-and-digital-id-rules-update-additional-submission-february-2024>
11. Joint Submission to the AI Advisory Group on the Draft Guidelines on the use of Generative AI in Courts and Tribunals, 14 October 2023, <https://allenshub.unsw.edu.au/news/submission-guidelines-use-generative-ai-courts-and-tribunals>
12. Joint Submission to the Treasury on Protecting Consumers from Unfair Trading Practices, 29 November 2023, <https://allenshub.unsw.edu.au/news/submission-treasury-re-unfair-trading-practices>
13. Joint Submission to the Integrity and Oversight Committee of the Parliament House on the Inquiry into the Freedom of Information Act 1982 (Vic), 1 December 2023, <https://allenshub.unsw.edu.au/news/submission-freedom-information-act-1982-vic>
14. Joint Submission to the Parliamentary Joint Committee on Law Enforcement on the capability of law enforcement to respond to cybercrime, 15 December 2023, <https://allenshub.unsw.edu.au/index.php/news/submission-parliamentary-committee-law-enforcement-re-response-cybercrime>
15. Joint Submission to the Department of Home Affairs on the 2023-2030 Australian Cyber Security Strategy: Legislative Reforms, 1 March 2024, <https://allenshub.unsw.edu.au/index.php/news/submission-2023-2030-australian-cyber-security-strategy-legislative-reforms>
16. Submission to the Senate Economics Legislation Committee of the Parliament of Australia on Digital Identity and Digital Identity (Transitional and Consequential Provisions) Bills, 17 January 2024,

<https://allenshub.unsw.edu.au/index.php/news/submission-digital-identity-and-digital-identity-transitional-and-consequential-provisions>

17. Joint Submission to Senate Select Committee on Adopting AI, 10 May 2024,
<https://allenshub.unsw.edu.au/news/submission-senate-select-committee-adopting-ai>



Financial Management Report

Note that some funds are committed for the remainder of 2024, and an updated final financial management report will be issued early in 2025 and available on our archived website.



UNSW
SYDNEY

THE ALLENS HUB
FOR TECHNOLOGY, LAW & INNOVATION

Management Report			
YTD For December 2023			
REVENUE	Note	2023	2022
		\$	\$
Sponsorship (Allens)		273,776	287,739
Interest		8,699	1,398
Transfers from Holding Project			
UNSW Law Contribution			
UNSW G&T Contribution			
TOTAL REVENUE		282,475	289,137
EXPENSE			
People Costs		275,919	225,531
Scholarship Expenses		0	
Contract & Consulting Services		317	
Entertainment		14	
Marketing		746	1,649
Overheads		0	0
Repairs and Maintenance		0	
Consumables		460	143
Travel		10,191	7,433
Equipment Non capitalised			
Other Expenses		19,767	
Stream Funding		43,988	43,988
Internal Expense		6,574	6,574
TOTAL EXPENSE		357,976	292,393
Operating result for the period		-75,501	-3,256
Carried Forward Balance		307,824	311,080
Less Outstanding Debtors			
Retained Funds Surplus/(Deficit)		232,323	307,824

Certified correct to Ledger:
27.06.24

Anna Polykarpou
Finance Manager
UNSW Business and UNSW Law & Justice