Simon ***Knight***

ASSOCIATE PROFESSOR: TRANSDISCIPLINARY SCHOOL

TD School, University of Technology Sydney, Sydney, NSW, Australia

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OVERVIEW

Experience

Academic Appointments

2015 - Present *University of Technology Sydney, Australia*
Associate Professor
- 2020-2023, inaugural Director of the UTS Centre for Research on Education in a Digital Society.
- 2023 ARC DECRA Fellow.
- July 2019-Dec 2023, Senior Lecturer (US tenured Assistant Professor equivalent).
- January 2018-July 2019, Lecturer, Faculty of Transdisciplinary Innovation.
- October 2015-Dec 2017, Research Fellow / Lecturer (US Assistant Professor equivalent, as of 2017), Connected Intelligence Centre. https://profiles.uts.edu.au/simon.knight

2012 - 2013 *Open University, UK*
Consultant Wiki Editor, EdFutures project
Part time (1 day a week) wiki editor and support for creation and editing of Open Educational Resources and articles on 'levers for change' in education (focussing on learning analytics). http://edfutures.net/Special:Contributions/Sjgknight

2012 - 2013 *University of Cambridge, UK*
Research Associate, OER4Schools project
Casual wiki editor and support for creation and editing of Open Educational Resources, particularly on the OER4Schools Teacher Education in Africa project. I also assisted in editing a book on the use of Interactive White Boards during this time. https://oer.opendeved.net/wiki/OER4Schools

2012 - 2012 *University of Cambridge, UK*
Research Associate, OER4Schools project
Part time (1 day a week) wiki editor and support for creation and editing of Open Educational Resources, particularly on the OER4Schools Teacher Education in Africa project. I also wrote a chapter on promoting dialogue in the classroom for a book on the use of Interactive White Boards (IWB) during this time. https://oer.opendeved.net/wiki/OER4Schools

2012 - 2012 *University of Cambridge, UK*
Research Associate, Open Educational Resources (ORBIT) project
Employed to create, curate, catalogue and edit resources for mathematics and science teaching on a JISC funded project (ORBIT) within the Faculty of Education, with particular reference to use by PGCE students. https://oer.opendeved.net/wiki/OER4Schools

2012 - 2012 *Nominet Trust, UK*
Associate Researcher
Research Communication

2011 - 2011 *Nominet Trust, UK*
Research Communication Intern
Measuring 'value' in social media projects http://sjgknight.com/finding-knowledge/2014/09/measuring-value-in-3rd-sector-social-media/

Non-Academic Appointments

2023 *National Tertiary Education Union (NTEU).*
2023 - Present UTS NTEU Branch Executive, elected volunteer role
Vice President (academic) (23-25), Secretary (25-)

2013 *Wikimedia UK*
2013 - 2015-09 Vice-chair and Trustee (unpaid volunteer role)
I was co-opted as a trustee of WMUK in November 2013. I was elected to a 2 year term on August 9th 2014, resigning September 2015 to move to Sydney. I was on the strategy taskforce, leading to its formal adoption. I sat as board liaison on the Education Committee and was an advisory trustee on the Grants Committee. Wikimedia UK is a registered charity that exits to help collect, develop and distribute freely licensed knowledge (and other educational, cultural and historic material). It does this by bringing the Wikimedia community in the UK together, and by building links with UK-based cultural institutions, universities, charities and other bodies. As the Wikimedia chapter covering the United Kingdom, the charity also represent UK-based Wikimedians to the Wikimedia Foundation and the global Wikimedia movement. https://wikimedia.org.uk/

2008 *Cardinal Wiseman Language College, UK*
2011 - 2011-09 Senior ICT Technician; - 2011-09 6th form Study Skills coordinator & Member of ICT Data Team
Employed to develop SIMS Assessment Manager systems

2010 *Saffron Walden County High School*
2010 - 2011-08 Teacher of Psychology, Philosophy, and Sociology
Main scale teacher, with active involvement in the school research community, department VLE development and training, and responsibility as a sixth-form attached tutor.

2007 *University of Leeds, UK*
2007 - 2007-09 International Office Assistant
Meet and Greet, campus tour, and international office 'help desk' assistant. Following the meet & greet service I was invited to work as an international office student day-trip assistant over the academic year.

2005 *St George Catholic School for Boys*
2005 - 2005-07 Teaching Assistant
Gifted and Talented Summer School Assistant summers 2001-2005.

Education

2012 - 2015 *Knowledge Media Institute (KMI), Open University, UK.*
PhD Learning Analytics Supervised by Simon Buckingham Shum and Karen Littleton, and from May 2014, Bart Rienties. Successfully defended December 2015, examined by Sten Ludvigsen and Allison Littlejohn. Thesis: 'Learning analytics for epistemic cognition in collaborative information seeking tasks'. (Fully funded 'Pro-Vice Chancellor's Research Studentship'). See CV for published outputs. Chartered Psychologist membership of the British Psychological Society awarded.

2011 - 2012 *Darwin College, University of Cambridge, UK.*
MPhil Educational Research Distinction Supervised by Neil Mercer. Thesis: 'Finding Knowledge: The role of dialogue in collaborative information retrieval'. (My Nominet Trust Associate Researcher role provided support towards MPhil fees). Three published outputs: The role of exploratory talk in classroom search engine tasks; The role of collaborative, epistemic discourse in classroom information seeking tasks;Resources for Searching with the Internet.

2009 - 2011 *Institute of Education, University of London.*
MA Philosophy of Education Distinction Supervised by Jan Derry. Dissertation: 'The implications of extended mind for educational assessment'.

2020 - 2020 *University of Technolgoy Sydney, Australia.*
GCHETL

2009 - 2010 *Institute of Education, University of London.*
PGCE 14-19 Social Sciences The highest 'very good' rating for the practical element). 1 assignment published: AfL for inclusive, differentiated learning.

2004 - 2008 *University of Leeds, UK.*
BSc (Hons, Intl) Philosophy & Psychology Joint Honours 2.1 Supervised by Colin Lever. Dissertation: 'Anger or Fairness in Ultimatum Game Rejections?" Study abroad year at YorkU, Toronto.

Awards and Prizes

External

2022 *Learning Analytics and Knowledge Conference*
Best Paper Nomination Learning Analytics and Knowledge Conference Questioning learning analytics? Cultivating critical engagement as student automated feedback literacy.' (led by Shibani).

2017 *Learning Analytics and Knowledge Conference*
Best Paper Winner Learning Analytics and Knowledge Conference 'Reflective Writing Analytics for Actionable Feedback in Authentic Assessment' (led by Gibson, et al.,).

2016 *ASCILITE Learning Analytics SIG Awards for Excellence*
Team Finalists ASCILITE Learning Analytics SIG Awards for Excellence Academic Writing Analytics, an online learning application using Natural Language Parsing techniques to analyse student analytic and reflective writing, and then giving feedback at sentence and whole text level.

2014 *International Association for Computing and Philosophy 'Brian Michael Goldberg Memorial Award'*
Winner International Association for Computing and Philosophy 'Brian Michael Goldberg Memorial Award'

2013 *Learning Analytics and Knowledge Conference*
Best Paper Nomination Learning Analytics and Knowledge Conference Paper: 'Epistemology, Pedagogy, Assessment, Learning Analytics'.

2011 *Pearson*
Innov8 EdTechcompetition Pearson Finalist (£1000), with a pitch for: 'Assessment for Learning (AfL) in technologically distributed & mobile environments'.

Internal

2023 *UTS*
Medal for Excellence in Research and Teaching Integration UTS

2020 *UTS*
Learning and Teaching Award UTS For: developing students' skills in quantitative literacy and critical thinking. With Mary Coupland (team leader), and team members: Marco Angelini, Hadiya Valiyaveettil Mohammad Ashraf, Pranati Balijepalli, Nahid Banihashemi, Coral Connor, Karyn Fitzgerald, Rory Green, Neela Griffiths, Venkata Vali Visali Kadiyala, Paul Kennedy, Simon Knight, Cat Kutay, Maria Lobytsyna, Jenna Price, Usha Sridhar, Stephen Woodcock.

2020 *UTS*
Early Career Research Award UTS

2018 *UTS*
Early Career Academic Teaching Award UTS

2017 *UTS*
Teaching and Learning Team, High Commendation UTS I led the application, for which we were highly commended. Gabrielle Gardiner (Team Leader) and team members: Professor Simon Buckingham-Shum, Associate Professor Theresa Anderson, Dr Kailash Awati, Dr Simon Knight, Dr Roberto Martinez-Maldonado, Dr Amela Peric, Dr Nicola Parker and Georgia Markakis, all from Connected Intelligence Centre. For: Developing Data Science as a Team Sport: Learning.Futures in Practice.

2017 *UTS*
Individual Teaching and Learning Early Career Academic award UTS For: Leading learning.futures approaches to data literacy.

Memberships, Service, and Engagement Experience

2016 - present *British Psychological Society (BPS)*
Chartered (Cpsychol) member

2015 - present *Society for Learning Analytics Research (SoLAR)*
Member

2023 - 2026 *University College London, Institute of Education*
Honorary Associate Professor
London Knowledge Lab, affiliation as part of 2023 sabbatical period

2023 - 2023 *KTH Stockholm*
Scholar in Residence
Digital Futures Scholar in Residence (stipendary honorary residency)

2019 - 2019 *University College London, Institute of Education*
Honorary Visiting Scholar
London Knowledge Lab, affiliation as part of 2019 sabbatical period

2019 - 2019 *New York University, Steinhardt School of Culture, Education, and Human Development*
Honorary Visiting Scholar
LEARN Lab, affiliation as part of 2019 sabbatical period

2016 - 2016 *Arizona State University*
Study Visit
The Science of Learning and Educational Technology (SoLET) Lab, to build collaboration around writing analytics. Funded by NSF Data Consortium fellowship (Laura Allen)

2013 - 2014	*Maastricht University* Study Visit Undertaking empirical work. Funded by the Centre for Research in Education and Educational Technology (CREET), OU.
2014 - 2014	*Rutgers University* Study Visit InfoSeeking lab visit, Funded by the Centre for Research in Education and Educational Technology (CREET), OU.
2013 - 2013	*University of Wisconsin, Madison* Visiting Scholar Hosted by David Williamson Shaffer in the Epistemic Games group. Funded by the Epistemic Games group and Centre for Research in Education and Educational Technology (CREET) OU.
2013 - 2013	*Stanford University* Visiting Scholar Visiting scholar at the Lytics Lab
2018 - present	*International Journal of Computer-Supported Collaborative Learning (ijcscl)* Editorial Board
2016 - 2022	*Journal of Learning Analytics* Co-Editor-in-Chief Served two terms as co-editor-in-chief
2017 - 2017	*Journal of Learning Analytics* Guest-editor Special Section on Temporal analyses of Learning Data
2022 - 2022	*Educational Technology & Society (ET&S)* Guest-editor Special Issue on Learning at the Intersection of Data Literacy and Social Justice
2023	*International Conference on Quantitative Ethnography 2023 (ICQE23)* Conference Co-Chair With Golnaz Arastoopour Irgens
2017	*7th International Learning Analytics and Knowledge conference,Vancouver* Workshop & Tutorials Chair
2017	*2nd Workshop on Evaluation of Collaborative Information Seeking and Retrieval (ECol 2017) at CHIIR 2017* Programme Committee member
2016	*6th International Learning Analytics and Knowledge conference, Edinburgh* Social Media and Publicity Chair
2016	*Learning with MOOCs (LWMOOCs)* Program Committee Member
2016	*ascilite2016* Program Committee Member
2014, 2015 and 2016	*Workshop on Awareness and Reflection in Technology-Enhanced Learning* Programme Committee
2018 - present	Australian Research Council (ARC) assessor;I have conducted three detailed assessments for ARC schemes
2012 - 2012	Participant in 'Learning Analytics and Knowledge' MOOC
2024 - 2025	*Trustworthy Digital Society Hub (TDSH), a UTS-UNSW partnership* Advisory Committee Member
2023 - 2024	*Turnitin* Strategic Advisory Board Member unrenumerated advisory board of academic members
2024	*International Conference on Quantitative Ethnography* Programme Committee member
2019	*Computer Supported Collaborative Learning conference* Programme Committee member
2018, 2019, 2020	*Sub-conference – C2: Learning Sciences and Computer Supported Collaborative Learning at International Conference on Computers in Education (ICCE)* Programme Committee member
2018	*International Conference of the Learning Sciences* Programme Committee member
2016 - 2025	*Learning Analytics and Knowledge (LAK) conference* Programme Committee member
2018 - 01//01/2024	*Artificial Intelligence in Education conference* Programme Committee member

2023, 2025 *Learning at Scale (L@S) conference*
Programme Committee member

2024, 2025 *Educational Data Mining (EDM)*
Programme Committee member

2025 - present *Journal of Academic Ethics*
Editorial Board

2022 - present *UTS Research Ethics Committee*
Member

2023 - present *UCL:IoE Task-and-Finish group*
Group lead on AI Research Ethics

2021 - present *UTS ECR Research and 3 minute thesis awards*
Prize committee member

2021 - present *UTS TD School and FASS*
Research Committee member

2018 - present *UTS Connected Intelligence Centre*
Responsible Academic Officer and Board of Studies Member

2018 - 2023 *UTS TD School Board*
Elected member

2021 *UTS*
Early Career Research Award judging panel

2023 *UTS*
Early Career Research Award judging panel

2018 - 2023 *UTS*
Member Transdisciplinary Innovation Faculty Board

2018 - present *UTS*
Member Board of Studies for the Connected Intelligence Centre

2018 - 2019 *UTS*
Member university Staff Experience and Operational Excellence Program Board
Board has responsibility for setting investment priorities for new technologies, as well as governance and oversight of active projects in this space

2017 *UTS*
CIC representative at the Graduate Research School Board

2016 - 2017 *UTS*
Member Task Force to scale up the undergraduate 'Arguments, Evidence, and Intuition'

2016 - 2017 *UTS*
With Roberto Martinez Maldonado I coordinated the Higher Degrees Research (HDR) activities in CIC

2016 - 2017 *UTS*
Member UTS Data Governance Sub-Committee

2016 - 2017 *UTS*
Member (self-assessment technology) REVIEW User Group (RUG) meetings

2016 - 2017 *UTS*
Reviewer in the UTS learning.futures compliance peer review group

Teaching and Learning Experience

Teaching Experience

2015 - 2022 *UTS Data Science for Innovation (36100)*
Co-developed subject and ongoing review and improvement.
- 11 semesters coordinated and taught most content
- 1 semester coordinated and co-taught across content
- 1 semester co-taught with coordinator
- 2 semesters supported handover in my absence (PEP) Master of Data Science & Innovation

2015 - 2019 *UTS Arguments, Evidence, and Intuition (36200/36201)*
Co-reviewed and revised the subject, with significant input into its design.
- 2 semesters coordinated and taught most content
- 5 semesters co-taught, guest-lectured, and supported Open elective subject

2018 - 2019 *UTS Data-literacy short forms of learning*
Co-developed 4 courses and aspects of paid micros (developing 1), along with model for micros.
Taught 1 micro to first class of Telstra students. Online tasters and paid course

2015 - 2025 *UTS Research methods and ethics sessions*
I co-ran the PhD program of research discussions and support in CIC 2015-17, and have since run HDR sessions in my Faculty when invited. Higher Degrees Research

2022 - 2025 *UTS New Knowledge Making Lab (81528)*
Three guest classes on research questions, methods, and ethics. Delivered in 2022, and adopted by colleagues 2022-present, with further guest slots in 2024-25. Bachelors of Creative Intelligence and Innovation (BCII)

2016 - 2023 *UTS Master of Data Science & Innovation (MDSI)*
Chair info- and welcome-sessions for prospective and new MDSI students.
I have contributed to subject development across the course, and supervision in our 'Innovation lab' subject.

Research supervision

	Supervisions and examination
PhD	3 completions 2 stage (year) two 2 pre-stage-one
Examinations	2 external thesis examination 1 internal stage 3 examination 2 internal stage 1 examinations
Masters	3 coursework research projects
Honours	8 honours theses supervised in two faculties (FEIT and TD School).
Visiting HDR	2 Australian Government funded Endeavour scholars co-supervised (2017, 2018) from Tilburg University and Penn State.

Research and Innovation Experience

External funding

Research-Funding Total: ~$1.7m

2024 - 2027 *Australian Research Council Discovery Project*
Artificial intelligence in education: Democratising policy. $502.6K Kalervo Gulson;Greg Thompson;Marcia McKenzie;Sam Sellar;Kirsty Kitto;Simon Knight;José-Miguel Bello y Villarino Artificial intelligence in education: Democratising policy. The rapid introduction of artificial intelligence into education is occurring with inadequate policy support. Additionally, there is a lack of stakeholder input into decisions about the use of AI in education. Utilising social science and data science approaches, this project aims to democratise policy about AI in education by building tools to monitor policies, and developing collaborative policy making methods. The expected outcomes include publicly available policy resources to anticipate, and respond to, the role of AI in education, and participatory frameworks for policy making. The benefits include informed stakeholder engagement, and concrete policy recommendations that are globally relevant and adaptable to the Australian context.

2023 - 2026 *Australian Research Council Discovery Early Career (DECRA)*
Navigating Uncertainty & Evidence: Teaching for Epistemic Cognition $833.2K We are facing an epistemological crisis, grounded in changing technologies, fake news, and a distrust of experts. Developing capability to navigate uncertainty, disagreement, and evidence is one of the most pressing social issues of our time in order to develop a sustainable society, ensure inclusive and equitable quality education, and promote lifelong learning opportunities for all. Despite relevant research, little is known about the crucial practices of educators in supporting this learning. This project will bring classroom practice and a practical theory of epistemic cognition into synchrony, developing new knowledge and strategies for students to learn how to navigate uncertainty, disagreement, and evidence.

2023 - 2024 *James Martin Institute for Public Policy Policy Grants*
Governing AI, education, and equity together $ 87.1K Kal Gulson, Teresa Swist, Simon Knight, Jose Villarino, Kirsty Kitto, Leslie Loble
This project will help policymakers and stakeholders better anticipate and respond to the educational opportunities and inequalities of using AI-enabled technologies. It will engage a broad range of stakeholders to generate and test policy ideas about the expanding NSW EdTech ecosystem. This ecosystem spans student, teacher, system, and infrastructure-related technologies that shape differential access, usage and skills, and outcomes. Yet, policymaking on AI is often siloed and lacks collaborative stakeholder input. This project will use 'policy prototyping' to involve broad education stakeholders in building new approaches to policymaking on AI in education.

2021 - 2022 *Industry and NSW TechVoucher matched funding NSW TechVoucher*
Iyarn project evaluation: Building the evidence base. $ 87.0K iyarn is an Australian company that has developed a digital platform for people in schools and workplaces to 'check in' about their wellbeing, as a tool for monitoring and managing issues such as stress, anxiety, isolation and depression. iyarn's product is already being adopted by schools across Australia to promote and support young people's wellbeing.

The company wanted to invest in research to ensure the tool is grounded in evidence and enhance its effectiveness for young people and schools in improving student wellbeing outcomes. iyarn partnered with the Centre for Research on Education in a Digital Society and the Institute for Public Policy and Governance at UTS to successfully apply for NSW Government research funding under the COVID TechVouchers Program.

2021 - 2021 *Catholic Education Office, Diocese of Parramatta*
Reframing the future of K-12 education: A transdisciplinary approach to new educational practices $ 50.0K Jacqueline Melvold, Jacqui McManus, Lucy Allen, Giedre Kligyte, Susie Pratt, Simon Knight, Nick Hopwood The overarching objectives of this project are to explore: (i) how to reframe educational practices using a transdisciplinary approach;and (ii) how can we create a space for mutual learning between educators, academics, and students in order to support transdisciplinary learning, research, and professional practice to embed cultural change for the empowerment of young people?

2020 - 2020 *Wikicred Seed grants*
CiteLearn - an academic tool for learning to cite sources $ 13.6K Simon Knight (lead), Heather Ford, Shibani Antonette The practice of adding citations to Wikipedia and learning where citations are needed provides excellent training in research quality beyond Wikipedia. Our idea is to use citations and missing citations (such as those tagged {{citation needed}} and Jodi Schneider's "Citation Detective", a public dataset of sentences missing citations), to build a game in which university students learn about verifiability

2017 - 2018 *Australian Technology Network Excellence in Teaching and Learning Grants*
Building ATN Institutional Capacity for Text Analytics. $100.0K Simon Buckingham Shum (Connected Intelligence Centre);with Simon Knight (Faculty of Transdisciplinary Innovation, UTS lead);Andrew Gibson (Queensland University of Technology, technical lead);David Gibson (Curtin University);Shane Dawson (University of South Australia);Pablo Munguia (Royal Melbourne Institute of Technology);Sam Nielson (Queensland University of Technology) The project aims to build the longer term technical and organisational capacity for ATN institutions to apply natural language processing techniques in order to collaboratively address strategic organisational priorities.

2017 - 2017 *Griffith Institute for Educational Research Arts, Education, and Law Research Project Grants*
Evidence informed practice: Investigating educators' decision-making when designing learning, teaching and assessment in contemporary learning environments $ 10.0K PI: Kate Thompson (Senior lecturer, Griffith University);with Mia O'Brian, elke emerald, and Simon Knight.

2017 - 2017 *Griffith Institute for Educational Research Teacher Education Research Program Grant*
Evidence-informed practice: how do educators design for assessment using data? $ 5.1K PI: Kate Thompson (Senior lecturer, Griffith University);with Sakinah Alhadad, Ben Williams, and Simon Knight

2016 - 2016 *NSF*
Data Consortium Fellow. $ 2.6K With, Laura Allen

Scholarship Total: ~$11.9k

2012 - 2013 *Nominet Trust*
Nominet Trust Associate Researcher (paying for my MPhil fees). $ 10.5K

2011 - 2011 *European Commission*
Knowledge and Policy (in education and health) Summer School Scholarship $ .8K Cofounded by the Graduate School of Social Sciences from the French-speaking Community of Belgium and the European Commission (Project n° 0288848-2 within 6th Framework Program).

2010 - 2010 *European Commission*
European Federation of Psychology Students Associations (EFPSA) European Summer School (ESS) $ .6K Thirty European psychology students worked with 5 PhD students to design and run a research project;applicants were selected from across Europe.

Funded-Participation

2015 *Rutgers University*
DIMACS Workshop on Social and Collaborative Information Seeking (SCIS)

2014 *BPS Psychology of Education Section*
BPS Psychology of Education Section (PES) conference bursary recipient.

2013 *SoLAR*
Funded attendee at the Learning Analytics Summer Institute (LASI) http://www.solaresearch.org/events/lasi/.

Internal funding

Research-Funding Total: ~$378.3k

2024 - 2024 *UTS Faculty of Engineering and IT (FEIT) Blue Sky Research Scheme*
Towards Fair and Explainable Prediction in Digital Healthcare $ 9.8K Led by Mengjia Wu, with Dilek Cetindamar Kozanoglu, Simon Knight, and Zelia Soo

2024 - 2026 *UTS Trustworthy Digital Societies (TDS)*
Youth Trust and Technology: Enhancing Trust in Digital technologies with Secure Text-to-Image AI $249.7K Led by Catarina Moreira, Keith Heggart (UTS) and Flora Salim (UNSW);with Fang Chen, Jianlong Zhou, Marian-Andrei Rizoiu, Yifei Dong, Antonette Shibani, Bhuva Narayan, Suneel Jethani, Simon Knight, Amelia Johns (UTS);and Yang Song, Sanjay Jha, Jiyun Lee, Sharon Aris, Naksharthra Suresh (UNSW). With industry partners Leonardo.ai, All Together Now, Musuem for Australian Democracy (MOAD), and Suzana Sukovic (of PLC school).

2022 *UTS Cross Faculty Collaboration Scheme*
Learning to navigate expert-expert disagreement: An interdisciplinary approach. $ 49.9K Led by Simon Knight, with Amanda Wilson (Health);Shibani Antonette (TD School);Catriona Bonfiglioli (FASS);Jane Frawley (Health);Keith Heggart (FASS);Marian-Andrei Rizoiu (Data Science Institute);Nola Ries (Law).

2022 *UTS Cross Faculty Collaboration Scheme*
Hey Google: Is this ethical? Representing uncertainty and disagreement in search and knowledge graphs. $ 36.9K Led by Simon Knight, with Heather Ford (FASS);Jianlong Zhou (Data Science Institute).

2021 *UTS Faculty of Transdisciplinary Innovation Research Seed Fund for the Transformative Learning Research Theme*
TD Education: Mapping the Opportunity Space $ 5.0K Led by Giedre Kligyte, with Simon Knight, and the theme members.

2021 *UTS Faculty of Transdisciplinary Innovation Research Seed Fund for the Technology and Humanity Research Theme*
Ethics by Design $ 5.0K Led by Nicole Vincent with Simon Knight, and Shibani Antonette.

2020 *UTS Faculty of Transdisciplinary Innovation Research Seed Fund for the Technology and Humanity Research Theme*
Ethical Dilemmas in Applying AI $ 6.0K Led by Shibani Antonette, with Simon Knight, Nicole Vincent, Tony Huang, and Bert Bongers.

2020 *UTS Faculty of Transdisciplinary Innovation Research Seed Fund for the Transformative Learning Research Theme*
Co-constructing transformative learning through university engagement partnerships. $ 6.0K Led by Jacqueline Melvold with the Transformative Learning theme members.

2018 *UTS STEM Education Futures research grant.*
How do educators talk about data as evidence for and in technology mediated learning environments? $ 5.0K PI: Simon Knight with Roberto Martinez-Maldonado (Connected Intelligence Centre), Jane Hunter (School of Education), Lori Lockyer (Graduate Research School), Kimberley Pressick-Kilborn (School of Education).

2017 *UTS School of Communications Research Fund*
Strawman: a technological solution to media literacy. $ 5.0K PI: Peter Gray (Centre for Media Transitions);with Wan Ng (School of Education), Kirsty Kitto (Connected Intelligence Centre), Simon Knight (Connected Intelligence Centre), Gabriel Yakub (honours student in Communications).

Research-Teaching Nexus Total: ~$66.4k

2019 *UTS First Year and Transition Experience*
Writing about and with data science: Embedding multimodal professional skills in a data science course $ 2.3K With, Amela Peric and Kirsty Kitto

2019 *UTS First Year and Transition Experience*
Improving written communication skills in management students' research writing, through AcaWriter $ 4.0K With, Bron Harrison, with Nicole Sutton, Antonette Shibani

2017 *UTS Vice Chancellor's Teaching and Learning Grant*
Investigating the diagnostic potential of a science benchmarking task. $ 10.0K With, Andrea Leigh, Leigh Martin, and Yvonne Davila (School of Science)

2017 *UTS Vice Chancellor's Teaching and Learning Grant*
Noisy Sheets;A practical Approach to Scalable, Authentic Assessment for Quantitative Literacy $ 9.9K With, Mary Coupland (Maths) and Coral Connor (Maths)

2017 *UTS Balanced Teaching Periods internal UTS funding.*
Writing for Data Scientists $ 3.0K

2016 *UTS Vice Chancellor's Teaching and Learning Grant*
Assessing the impact of automated writing feedback on student revisions in Civil Law. $ 4.2K With, Philippa Ryan (Faculty of Law)

2016 *UTS funding from Andrea Leigh's OLT citation.*
Assessing the Quality of Feedback Comments in a Benchmarking Exercise, $ 3.4K With, Andrea Leigh

2016 *UTS Vice Chancellor's Teaching and Learning Grant*
Flipping the textbook: Student-created textbooks for students. $ 9.6K Theresa Anderson (Senior lecturer & MDSI course coordinator: Connected Intelligence Centre);Peter Kandlbinder (Senior Lecturer: IML);Julie-Anne Marshall (Manager: eResearch, UTSeScholarship, UTS Library);and Simon Knight (Research Fellow: Connected Intelligence Centre)

2016 *UTS Vice Chancellor's Teaching and Learning Grant*
Improving written communication skills in an accounting subject through the use of writing analytics $ 10.0K With, Amanda White (Lecturer: Business) & Nicole Sutton (Lecturer: Business);with David Brown (Professor: Business);Rachael Lewis (PhD candidate: Business);Adam Aitken (Academic Language Liason: IML);Simon Buckingham Shum (Professor: Connected Intelligence Centre)

2016 *UTS Vice Chancellor's Teaching and Learning Grant*
Participatory design and evaluation of an online mentoring space for postgraduate students $ 10.0K With, Theresa Anderson

Strategic Learning Development Total: ~$69k

2019 *UTS Postgraduate Strategic Funding Program*
Delivering a Postgraduate Microcredential for Data Literacy $ 15.0K With, Kirsty Kitto

2019 *UTS Postgraduate Strategic Funding Program*
Crossing Boundaries for Sustainable Futures: FTDI Open Offerings, and Data Literacy Offerings $ 34.0K With, Kirsty Kitto

2018 *UTS Strategic Project Funding*
Teaching and Learning related research work. $ 20.0K

Scholarship Total: ~$71.8k

2023 *UTS Professional Experience Program (PEP/sabbatical) six months release from normal academic duties.*
Sabbatical

2019 *UTS Professional Experience Program (PEP/sabbatical) six months release from normal academic duties.*
Sabbatical

2012 - 2015 *Open University*
Chancellor's Scholarship (Maintenance, fees, and research for 3 years) $ 71.8K

Research Indicators

Google scholar

Total cites	H-index	i10 index	Total output	Total venues	% Intnl collaboration	% lead author	Q1%*	Scival	Policies or Policy Submissions	Citations in policy (Overton)
5484	32	73	147	93	58%	56%	88%	5.54	17	9

Q1% for journal articles since 2015, using SJR

Full publication list

Journal articles

Knight, S. (2025). Identifying and designing evidence-informed practice, in practice: The case for pragmatic evidence synthesis matrices (PESM). International Journal of Qualitative Methods, 24. https://doi.org/10.1177/16094069251318590 gold access. Cited by:1; 12/267 in SOCIAL SCIENCES, INTERDISCIPLINARY (JCR); Q1 50 of 292 in Education (Q1) (SJR).

Knight, S. (2025). Understanding use of evidence in AI ethics guidelines development through a PRISMA-ETHICS informed scoping review of guidelines. Computers and Education Open, 9, 100281. https://doi.org/10.1016/j.caeo.2025.100281 gold access. Q1 16 of 34 in Human-Computer Interaction (Q1) (SJR).

Knight, S., McGrath, C., Viberg, O., & Pargman, T. C. (2025). Learning about AI ethics from cases: A scoping review of AI incident repositories and cases. AI and Ethics. https://doi.org/10.21203/rs.3.rs-4844649/v1 gold access.

Knight, S., Shibani, A., & Vincent, N. (2024). Ethical AI governance: Mapping a research ecosystem. AI and Ethics. https://doi.org/10.1007/s43681-023-00416-z gold access.

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Knight, S., & Villarino, J.-M. B. (in draft, submission Q4 2025). Artificial intelligence: A major change in industrial relations? UNSW Law Journal.

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Knight, S., Heggart, K., & Booth, E. (in submission). Interdisciplinary research: Applying a sociomaterial learning lens to a collective case study of the development of two research groups.

Knight, S., Heggart, K., Pressick-Kilborn, K., Sukovic, S., Jensen, B., & Loch, S. (in draft, submission Q1 2026). Social labs as a design approach for developing intermediate theory: An epistemic cognition example.

Knight, S., Villarino, J.-M. B., Huang, S., Kitto, K., Gulson, K., Thompson, G., McKenzie, M., Phillip, Sellars, S., & Vlies, P. (in draft, submission Q2 2026). Is that an AI? Navigating governance boundaries of AI systems.

Knight, S., Villarino, J.-M. B., Huang, S., Kitto, K., Gulson, K., Thompson, G., McKenzie, M., Phillip, Sellars, S., & Vlies, P. (in draft, submission Q2 2026). Policy approaches to democratising AI.

Maggor, Y. F., Viberg, O., Cerratto Pargman, T., & **Knight, S.** (in draft, for submission Q4 2025). Intersectionality in AI for education - a scoping review.

Ouaazki, A., Shibani, A., **Knight, S.**, & Holzer, A. (in draft, for submission Q1 2026). GenerativeAI-enhanced learning experiences for computational thinking: A systematic scoping review.

Presentations

August 2025 - Ethics, evidence, and AI use: Navigating interactions. **Keynote**. Trustworthy AI Synergy. Bergen, Norway https://tais.slateresearch.ai/

October 2025 - Navigating stakeholder engagement with ethics, evidence, and AI in education. **Keynote**. Higher Education Evaluation and Accreditation Council of Taiwan (HEEACT) and Ministry of Education (MoE) Teaching Practice Research Program (TPRP) International Workshop: Integration of Artificial Intelligence and Education. Taipei, Taiwan https://www.heeact.edu.tw/1216/1282/1292/62095/

September 2023 - Generative AI and the future of research. **Keynote**. Generative AI and Research. Western Sydney University, Australia https://www.westernsydney.edu.au/research/events/generative_ai_and_research

June 2023 - Learning with ethical AI. **Keynote**. ERASMUS Hybrid-e Training Event. KTH, Sweden

May 2023 - Learning to engage ethically with AI. **Keynote**. Faculty Workshop on Digital Transformations in Education. Digital Futures, Sweden https://www.digitalfutures.kth.se/event/digital-futures-faculty-workshop-3-may-2023/

May 2023 - Learning for ethical AI. **Keynote**. Nordic Learning Analytics Summer Institute (NLASI). Oulu, Finland https://www.oulu.fi/en/events/nordic-learning-analytics-summer-institute-2023

May 2023 - The role and ethics of generative AI in assessment practices. **Keynote**. Faculty Workshop on Responsible Assessment Futures. Digital Futures, Sweden https://www.digitalfutures.kth.se/event/digital-futures-for-education-workshop-responsible-assessment-futures/

November 2018 - Who to believe? How epistemic cognition can inform science communication. **Keynote**. Australian Science Communicators' conference. Sydney,

Australia http://2018conf.asc.asn.au/who-to-believe-how-epistemic-cognition-can-inform-science-communication/

August 2025 - Democratising AI. **Invited talk**. SLATE Guest Lecture. Bergen, Norway https://slate.uib.no/events/simon-knight

November 2025 - Negotiating the representation of uncertainty and disagreement on wikipedia. **Invited talk**. Arguing on the internet: Disagreement, Knowledge and Epistemic Justice in Online Infrastructures, a wikihistories workshop (supported by DP220100662). Sydney, Australia https://wikihistories.net/conference/wikihistories-2025-arguing-on-the-internet/

October 2025 - Ethics, evidence, and AI use: Navigating interactions in research. **Invited talk**. School of Arts and Humanities, HDR Community of Practice. Edith Cowan University (ECU) (online), Perth, Australia

May 2024 - Artificial intelligence workshop. **Invited participant**. National Health and Medical Research Council (NHMRC)

May 2024 - NHMRC artificial intelligence workshop. **Invited participant**. NHMRC meeting on opportunities and risks from the use of artificial intelligence (AI) in NHMRC-funded research and translation. Online https://www.nhmrc.gov.au/about-us/publications/nhmrc-artificial-intelligence-workshop-report?utm_medium=email&utm_campaign=tracker%20-%208%20october%202024&utm_content=tracker%20-%208%20october%202024+cid_ff64ca0f6cba9ca81f704e75f04457ae&utm_source=mailbuild&utm_term=nhmrcs%20artificial%20intelligence%20workshop%20report

January 2024 - Inquiry into the use of generative artificial intelligence in the australian education system. **Invited witness**. House Standing Committee on Employment, Education and Training Public Hearing. University of Technology Sydney, Australia https://www.aph.gov.au/parliamentary_business/committees/house/employment_education_and_training/aiineducation

January 2024 - Public hearing invitation: Inquiry into AI in education. **Witness at public inquiry**. House Standing Committee on Employment, Education and Training on its inquiry into the use of generative artificial intelligence in the Australian education system. Sydney, Australia https://www.aph.gov.au/sitecore/content/home/parliamentary_business/committees/house/employment_education_and_training/aiineducation/public_hearings

July 2023 - What do researchers need to know about GenAI? **Invited talk and panelist**. TEQSA & CRADLE Webinar Series. Online https://blogs.deakin.edu.au/cradle/teqsa-cradle-webinar-series/

June 2023 - Professional learning for ethical AI. **Invited talk**. Knowledge Lab Extraordinary Seminar Series. UCL Knowledge Lab https://forms.office.com/pages/responsepage.aspx?id=_oivh5ipw0ytysekedmlwtffjthoxc5jmtd5kkjhuv1undc0qjzarezkvlrdvly2nelmoetfvtfsoc4u

June 2023 - What resources can we turn to for learning about ethical AI? **Distinguished lecture**. Digital Futures, Sweden https://www.digitalfutures.kth.se/event/distinguished-lecture-dr-simon-knight-university-of-technology-sydney/

April 2023 - How to get impact from digital transformation research. **Invited panelist**. Faculty Open Research Days. Digital Futures, Sweden https://www.digitalfutures.kth.se/event/digital-futures-open-research-day-on-april-20-21-2023-2/

April 2023 - Schoolsnet agile EDU 1st expert validation workshop. **Invited participant**. Online

November 2023 - Generative AI in NSW education: Academic roundtable. **Invited participant**. NSW Department of Education

November 2023 - With: Hipolito I, Alfano M The philosophy and ethics of AI and the future of australasian philosophy. **Invited panelist**. Australasian Philosophy: Bridging the Past and Present with the Future. Congress of the Humanities, Arts and Social Sciences (CHASS), Sydney University https://aap.org.au/event-5410537

February 2021 - Who to believe? Conceptualising and navigating disagreement. **Invited talk**. Learning Informatics Lab. University of Minessota http://sjgknight.com/finding-knowledge/2021/02/new-talk-who-to-believe-conceptualising-and-navigating-disagreement/

November 2020 - With: Law N The ethics of AI in education. **Roundtable co-chair**. Online

November 2020 - Global sumit on the ethics of AI in education. **Discussant**. Institute of Ethical AI in Education http://sjgknight.com/finding-knowledge/2020/11/global-summit-on-the-ethics-of-ai-in-education/

May 2019 - Dealing with disagreement in nutrition: The role of epistemic cognition. **Invited talk**. Priority Research Centre for Physical Activity and Nutrition. Newcastle University, Australia

October 2019 - Aligning learning analytics with classroom practices & needs. **Invited talk**. Learning Analytics Research Network (LEARN). New York University, US
July 2018 - Sites of epistemic cognition: A discursive approach. **Invited talk**. Cambridge Educational Dialogue Research (CEDiR). University of Cambridge
October 2018 - With: Dawson P, Milligan S, Bearman M et al. Towards links between assessment and learning analytics. **Invited panelist**. Australian Learning Analytics Summer Institute (ALASI). Melbourne, Australia
August 2017 - Augmenting assessment with learning analytics. **Invited talk**. Griffith University, Australia
October 2017 - Invited participant
June 2016 - With: Anderson T Participatory design of a learning space and learning analytics. **Invited talk**. Learning Analytics and Data Science in Education Research Group. University of New South Wales, Australia
April 2016 - Collaborative information seeking, a lens on epistemic cognition. **Invited talk**. MEDIATE group. University of Oslo, Norway
April 2016 - Epistemic cognition socialised. **Invited talk**. MEDIATE group. University of Oslo, Norway
October 2016 - Sites of epistemic cognition. **Invited talk**. University of Sydney, Australia http://sydney.edu.au/education_social_work/news_events/events/2016/semester-two/epistemic-cognition.shtml
October 2016 - With: Buckingham Shum S, Gibson A et al. Writing analytics to improve formative feedback. **Invited talk**. Transforming Assessment. Online http://transformingassessment.com/civicrm/event/info?id=103
October 2016 - Writing practices and epistemic cognition. **Invited talk**. Arizona State University, US https://goo.gl/r6xggf
October 2016 - With: Lodge J, Alhadad S What exactly do we mean by “learning” in learning analytics? **Invited panelist**. Australian Learning Analytics Summer Institute. University of South Australia, Adelaide
May 2015 - Funded participant. **Invited participant**. DIMACS Workshop on Social and Collaborative Information Seeking (SCIS). Rutgers University, US http://dimacs.rutgers.edu/workshops/scis/
March 2015 - Collaborative information seeking tasks as complex performance assessments. **Invited talk**. Library and Information Science Speaker Series. School of Communication and Information, Rutgers
February 2015 - Grounding learning analytics in theory. **Invited talk**. Special Topics in Learning Technologies Course: Learning Analytics in the Knowledge Age. University of Minnesota
June 2014 - Epistemic commitments in collaborative information seeking. **Invited talk**. Infoseeking group. Rutgers University, US http://infoseeking.org/
June 2014 - Students with sight & control of their own complex learning “big” data. **Invited participant**. Educational Technology Action Group cluster 2a consultation. Department of Education, UK http://feltag.org.uk/etag/
May 2014 - Seminar on “accessibility” & “clarity” in philosophy of education. **Invited participant**. Philosophy of Education Society GB seminar. Institute of Education, UK http://sjgknight.com/finding-knowledge/2014/05/philosophy-of-education-accessibility-clarity-and-the-philosophy-education-relationship/
April 2014 - Epistemology, assessment, pedagogy: Where learning meets analytics in the middle space. **Invited talk**. Exploring the implications of “the era of big data” for learning and teaching. HEA Social Sciences learning and teaching summit http://sjgknight.com/finding-knowledge/2014/04/heabigdata-summit/
November 2014 - Designing learning analytics for epistemic cognition. **Invited talk**. Linnaeus Centre for Research on Learning, Interaction and Mediated Communication in Contemporary Society (LinCS). Gothenburg University, Sweden
September 2013 - Analysing dialogic interactions in classrooms. **Invited participant**. British Academy workshop. Cambridge University, UK
November 2013 - Knowledge in the age of search. **Invited talk**. Society of the Query. Amsterdam, The Netherlands http://networkcultures.org/wpmu/query/
2024 - The future of education with AI workshop. **Invited participant**. The Future of Education with AI. National Institute of Informatics (NII), Shonan Village, Japan https://shonan.nii.ac.jp/seminars/214/
2019 - With: Thompson K, Leonard S, Adams D et al. Educational research data: Linking data for collaborative research about learning and teaching. **Invited panelist**. Australian Learning Analytics Summer Institute. Wollongong, Australia
2025 - With: Holzer A Ethical design and decisions in innovation. **Internal talk**. TD Convos, the

Transdisciplinary School seminar series. UTS, Australia
2025 - Learning for ethical AI. **Internal talk**. GenAI-ENHANCE UTS Faculty of Health Summit. UTS, Australia https://events.humanitix.com/genai-enhance-uts-faculty-of-health-summit-2024
2024 - How do people learn to (dis)engage ethically with AI? **Internal talk**. Research Office all-staff bi-monthly meeting. UTS, Australia
2024 - Understanding data and AI. **Internal talk**. Humanising AI Futures. UTS, Australia
2024 - With: Shibani A, Karunanayake A Embedding critical and ethical thinking in the curriculum using generative AI. **Internal talk**. UTS Teaching and Learning Forum. UTS, Australia
2023 - Evidence, disagreement, and justice. **Internal talk**. Professional Experience Program (PEP/sabbatical) Presentation. UTS, Australia
2023 - Learning for ethical AI. **Internal talk**. Professional Experience Program (PEP/sabbatical) Presentation. UTS, Australia
2023 - Understanding data and AI. **Internal talk**. Humanising AI Futures. UTS, Australia
2018 - With: Leigh A, Martin L J., Calibrating assessment literacy through benchmarking. **Internal talk**. UTS Teaching and Learning Forum. UTS, Australia https://futures.uts.edu.au/blog/2018/11/05/using-data-teaching-4-talks-see-uts-teaching-learning-forum/
2018 - With: Kitto K Embedding data literacy across disciplines at UTS. **Internal talk**. UTS Teaching and Learning Forum. UTS, Australia https://futures.uts.edu.au/blog/2018/11/05/using-data-teaching-4-talks-see-uts-teaching-learning-forum/
2018 - Noisy sheets accountable learning with authentic data sets. **Internal talk**. UTS Teaching and Learning Forum. UTS, Australia https://futures.uts.edu.au/blog/2018/11/05/using-data-teaching-4-talks-see-uts-teaching-learning-forum/
2018 - With: Shibani A, Abel S Computerised writing support with AcaWriter – examples from three learning contexts. **Internal talk**. UTS Teaching and Learning Forum. UTS, Australia https://futures.uts.edu.au/blog/2018/11/05/using-data-teaching-4-talks-see-uts-teaching-learning-forum/
2017 - With: Coupland M Let's talk about continuous improvement. **Internal talk**. UTS Teaching and Learning Forum. UTS, Australia https://www.uts.edu.au/research-and-teaching/teaching-and-learning/2017-uts-teaching-and-learning-forum/2017-uts-teaching-0
2017 - With: Shibani A Intervention design for undergraduate law students to learning rhetorical writing using learning analytics. **Internal talk**. UTS Teaching and Learning Forum. UTS, Australia https://www.uts.edu.au/research-and-teaching/teaching-and-learning/2017-uts-teaching-and-learning-forum/2017-uts-teaching-0
2016 - With: Anderson T CICAround: Lessons learnt when designing participatory curriculum. **Internal talk**. UTS Teaching and Learning Forum. UTS, Australia https://www.uts.edu.au/research-and-teaching/teaching-and-learning/2016-uts-teaching-and-learning-forum/2016-uts-teaching-0
2016 - With: Chelliah J, Kandlbinder P, Anderson T et al. FlipAround: Student-created textbook for masters of data science and innovation. **Internal talk**. UTS Teaching and Learning Forum. UTS, Australia https://www.uts.edu.au/research-and-teaching/teaching-and-learning/2016-uts-teaching-and-learning-forum/2016-uts-teaching-0
2016 - With: Connor C, Coupland M Apps for advancement. **Internal talk**. UTS Teaching and Learning Forum. UTS, Australia https://www.uts.edu.au/research-and-teaching/teaching-and-learning/2016-uts-teaching-and-learning-forum/2016-uts-teaching-0
2016 - With: Gibson A Using writing analytics for formative feedback. **Internal talk**. UTS Teaching and Learning Forum. UTS, Australia https://www.uts.edu.au/research-and-teaching/teaching-and-learning/2016-uts-teaching-and-learning-forum/2016-uts-teaching-0