

**Dr Diana M Bowman**

CONTACT AND PERSONAL DETAILS

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- Address Sandra Day O'Connor College of Law, Arizona State University  
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TERTIARY EDUCATION

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- 2021-current Thunderbird School of Global Management, Arizona State University**  
(Executive) Masters of Global Management  
(Expected completion: August 2022)
- 2010-2011 The College of Law**  
Graduate Diploma of Legal Practice (GDipLegPrac)  
Admitted to practice as a Barrister and Solicitor of the Supreme Court of Victoria (Australia) (August 2011)
- 2005-2007 Monash University**  
Doctor of Philosophy (Specialisation: Law)  
Thesis Title: *A Small Matter of Regulation: The Emerging Issue of Nanotechnology*  
(passed, without amendments, September 2007. Graduated 2008)
- 1999-2003 Monash University**  
Bachelor of Laws (LLB)
- 1999-2001 Monash University**  
Bachelor of Science (Physiology) (BSc)

**Awards & Fellowships**

- 2021 Co-Ambassador of the Year, Diplomatic Corp of Arizona
- 2018 Andrew Carnegie Fellowship  
Media Award, Drowning Prevention Coalition of Arizona
- 2013 John D. Thompson Prize for Young Investigators, awarded by the Association of University Programs in Health Administration
- 2012 Michigan Road Scholars Program
- 2008 King's College London-Monash University Fellowship
- 2008 Highly Commended Award by the Emerald Literati Network Awards for Excellence for 'Public awareness of corruption in Australia'
- 2008 Australian Research Council Nanotechnology Network Overseas Travel Fellowship
- 2007 Mollie Holman Medal for Best PhD Thesis in Law, Monash University
- 2005 Monash University Postgraduate Scholarship

PROFESSIONAL EMPLOYMENT HISTORY

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**Present Positions**

**2015- Sandra Day O'Connor College of Law and School for the Future of Innovation in Society, Arizona State University**

*Full Professor (2018-)*

*Associate Dean, Applied Research and Engagement, ASU Law (2021-)*

*Associate Dean, International Engagement, ASU Law (2017-2021)*

*ASU Lead, The Connective (the Greater Phoenix Smart Region Consortium) (2018-)*

*Co-Director, Center for Smart Cities and Regions (2018-)*

*Zimin Institute Executive Advisory Board Member (2020-)*

*Knowledge Exchange for Resilience Fellow (2021)*

*Affiliate Faculty, Center on the Future of War (2019-)*

*Faculty Advisor, Jurimetrics (2016-)*

*PLuS Alliance Fellow (2016-2022)*

*Senior Sustainability Scholar, Julie Ann Wrigley Global Institute of Sustainability (2016-)*

*Fellow, Global Security Initiative (2016-)*

*Associate Director for Students, School for the Future of Innovation in Society (2017-2019)*

*Team Member, PlanetWorks, Global Institute of Sustainability (2016-2020)*

*Associate Professor (2015-2018)*

**2018- Faculty of Law, University of New South Wales (Australia)**

*Visiting Professor*

**2017-2020 Faculty of Law, University of New England (Australia)**

*Visiting Professor*

**2007- Faculty of Law, KU Leuven (Belgium)**

*Honorary International Visiting Scholar*

**Past Positions**

**2011-2015 School of Public Health, University of Michigan**

*Associate Professor, Risk Science Center and the Department of Health Management and Policy (HMP) (2014-2015)*

*Chair, Residential Masters Admission Committee (2015)*

*Assistant Professor, Risk Science Center and HMP (2011-2014)*

**2011-2013 School of Regulation & Governance, University of Twente (The Netherlands)**

*International Visiting Scholar*

**2010-2011 Centre for Health Policy, Programs and Economics, Melbourne School of Population Health, The University of Melbourne**

*Senior Research Fellow (Public Health Law)*

**2009-2010 Faculty of Law, King's College London (United Kingdom)**

*Visiting Fellow, Centre for Technology, Ethics and Law in Society*

**2007-2009 Faculty of Law, Monash University**

*Senior Research Fellow (2009 onwards), Monash Centre for Regulatory Studies*

*Postdoctoral Research Fellow (2007-2008)*

**2008**            **Faculty of Medicine, Australian National University**  
*Visiting Fellow*

**2006-2007**      **Faculty of Law, KU Leuven**  
*Postdoctoral Research Fellow, Institute of Energy and Environmental Law*

**2006-2007**      **Faculty of Law, Monash University**  
*Research Fellow, Monash Centre for Regulatory Studies*

**2004-2006**      **Faculty of Arts, Victoria University**  
*Lecturer*

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AUSTRALIAN GOVERNMENT DELEGATIONS

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**2011**            Invited delegate and presenter on ‘Emerging Technologies: Governance and Regulatory Issues’ at the Inaugural Australia-US Science and Technology, Joint Commission Meeting (JCM), Washington, DC, 14-15 February.

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SERVICE TO THE PROFESSION

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**Government Boards**

**2010-2012**      National Enabling Technologies Strategy Expert Forum (Member), Department of Innovation, Industry, Science and Research, Australian Government

**Scientific Boards**

2019-            Member, Cities Today Institute Advisory Board  
2018-            Member, The Smart City Association Italy International Advisory Board  
2013-2019      International Scientific Panel (Member), Enhanced Crash Investigation System, Monash University and the Transport Accident Commission of Victoria

**Delegations**

**2012-2015**      Member, US Delegation to ISO TC229-Nanotechnologies Technical Advisory Group

**Committees**

**Current**

**2021**            Director Search Committee, School for the Future of Innovation in Society, ASU  
**2020**            SDG & Beyond Task Force, ASU  
**2019-**            National Science Foundation Research Traineeship Program (NRT) Student Affairs Committee, ASU  
**2018-**            Course Advisory Board, Masters in Biomedical and Health Sciences, Monash University  
**2016-**            Masters of Science, Technology and Policy Admissions Committee, ASU

## Previous

2020	Covid-19 Privacy and Ethics Committee, ASU
2017	Faculty Search Committee, School for the Future of Innovation in Society, ASU
2016-2017	Masters of Applied Ethics and the Professor Admissions Committee, ASU
2016	Reading Committee, Tenure File, School for the Future of Innovation in Society, ASU
2015-2016	Faculty Search Committee, School for the Future of Innovation in Society, ASU
2015	Faculty Review Committee, Masters of Applied Ethics, ASU
2013-2015	Executive Committee, The Risk Science Centre, School of Public Health, the University of Michigan
2012-2015	Residential Masters Admission Committee, HMP, School of Public Health, University of Michigan (Chair of the Committee, 2014-2015)
2012-2013	Faculty Search Committee, HMP, School of Public Health, the University of Michigan
2011-2015	Research Committee, HMP, School of Public Health, the University of Michigan
2011-2015	Global Committee, HMP, School of Public Health, the University of Michigan
2011-2013	Regulation Working Group, NANO futures (EU)
2010-2016	Board Member, Society for the Study of Nanoscience and Emerging Technologies
2009	Faculty of Law Board, Monash University
2008-2009	Law Faculty Representative, Nanotechnology Members Group, Monash Institute for Nanosciences, Materials and Manufacture

## Professional Memberships

2016-	American Bar Association
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## PhD Committees

2022-	Josh Massard, Arizona State University (Committee Member)
2021-	Lucy Tournas, Arizona State University (Committee Member)
2021-	Farah Najar Arevalo, Arizona State University (Co-Chair) <i>A Feminist Technology Assessment of Smart Cities: Implications for governance and sustainable development</i>
2021-	Jamie Winterton, Arizona State University (Committee Member) <i>Identification and assessment of conflicting incentives in the U.S. cybersecurity landscape</i>
2016	Ben Trump, University of Michigan (Committee Member) <i>The Use of Qualitative Methods to Inform Synthetic Biology Regulation</i>

## PhD Examinations

2022	Sally Phillips, Birmingham City University Legal Challenges and Judicial Responses to the Scientific Uncertainty Associated with Shaken Baby Syndrome / Abusive Health Trauma in the United States
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- 2015** Ershad Karim, University of Malaya  
*Human Health and Environmental Implications of Nanotechnology in Malaysia: A Legal Study*
- Aline Reichow, University of Twente  
*Effective Regulation Under Conditions of Scientific Uncertainty: How Collaborative Networks Contribute to Occupational Health and Safety Regulation for Nanomaterials*
- Evisa Kica, University of Twente  
*The Legitimacy of Transnational Private Governance Arrangements Related to Nanotechnologies*
- 2011** Nico Jasper, The London School of Economics and Political Science  
*Silent Divergence: Explaining Nanotechnology Risk Governance in the US and the EU*

### Journal Editorial Board

- 2018-** *Nature Nanotechnology Advisory Board*  
**2017-** *IEEE Technology & Society* (Associate editor)  
*Journal of Responsible Innovation* (Associated editor)  
**2016-** *Jurimetrics* (Faculty advisor)  
**2009-** *Risk, Regulation and Policy Journal (SRN)*  
**2006-** *Nanotechnology Law & Business Journal*

### Ad Hoc Reviewer (Journals & Books)

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|---|---|----------------------------------|
| <i>Nature Nanotechnology</i>                      | <i>Regulation &amp; Governance</i>                                | <i>Cosmetics</i>                 |
| <i>American Journal of Public Health</i>          | <i>Modern Law Review</i>  | <i>IEEE Magazine</i>             |
| <i>Australian Health Review</i>                   | <i>Public Understanding of Science</i>                            | <i>NPJ Science of Food</i>       |
| <i>NanoEthics</i>                                 | <i>Jurimetrics</i>  | <i>Traffic Injury Prevention</i> |
| <i>Journal of Administration and Governance</i>   | <i>Studies in Ethics, Law and Technology</i>                      |                                  |
| <i>European Journal of Law and Technology</i>     | <i>Medical Law Review</i>   | <i>UNSW Law Review</i>           |
| <i>Media International</i>                        | <i>Australian and New Zealand Journal of Public Health</i>        |                                  |
| <i>Review of Policy Research</i>                  | <i>Nanotechnology Law &amp; Business</i>                          |                                  |
| <i>Global Environmental Politics</i>              | <i>International Journal of Emerging Technologies and Society</i> |                                  |
| <i>Journal of Responsible Innovation</i>          | <i>Journal of Organic Systems</i>                                 |                                  |
| <i>Journal of Health Politics, Policy and Law</i> | <i>Science &amp; Public Policy</i>                                |                                  |
| <i>Science and Engineering Ethics</i>             | <i>Technological Forecasting &amp; Social Change</i>              |                                  |
| <i>Regulatory Toxicology and Pharmacology</i>     | <i>Food Policy</i>  |                                  |
| <i>Springer (books)</i>                           | <i>Edward Elgar (books)</i>                                       |                                  |

### Reviewer (Competitive Grant Schemes & Other Activities)

- 2019** Hong Kong Scientific Council
- 2017** Vienna Science and Technology Fund
- 2016** The National Academies of Sciences, Engineering, and Medicine report on 'International Perspectives on Integrating Ethical, Legal, and Social Considerations into the Development of Non-Invasive Neuromodulation Devices: Proceedings of a Workshop—in Brief'
- 2015** Decision, Risk, and Management Sciences Program, National Science Foundation
- 2014/2016** Science, Technology, and Society Program, National Science Foundation
- 2013/2016** Social Sciences Program, Netherlands Organisation for Scientific Research (NOW)

- 2013** The National Academies of Sciences, Engineering, and Medicine ‘Second Report on Environmental Health and Safety Implications of Nanotechnologies’
- 2009** The Netherlands Foundation for Science for Global Development
- 2008-2009** *Regulating Nanotechnologies in the EU and US: Towards Effectiveness and Convergence* Report, a collective research project between the London School of Economics, Environmental Law Institute, Chatham House, and the Project on Emerging Nanotechnologies at the Woodrow Wilson International Center for Scholars.  
*AccessNano Modules (Cosmetics and Utility Fog)*
- 2007** Austrian Science Fund (FWF)

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PROFESSIONAL DEVELOPMENT

- *ASU Leadership Academy: Team LA – PlanetWorks, Cohort II* (2016-2017)
- *O’Neill Institute Summer Program on Global Health Law and Governance*, Georgetown Law School (June, 2012)
- *Monash Research Graduate School - Supervisor Accreditation Level 1 Course* (Completed: August 2009)
- *Monash Research Graduate School - Supervisor Accreditation Level 2 Course* (Completed: December 2009)

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SUBJECTS TAUGHT

- 2017-2020: HSD598 - R&D Administration within Large Organizations (3 credits)
- 2016-2020: LAW607 – Nanotechnology Law & Policy (2 credits)
- 2011-2015: HMP653 - (US) Law and Public Health (3 credits)
- 2012-2015: HMP615 - Introduction to (US) Public Health Policy (3 credits) (Masters and Executive Masters)
- 2013-2014: EHS602 - Environmental Health Policy (2 credits)
- 2008: Law, Medicine and Bioethics (Australia)
- 2004-2006: Legal Issues in Sport (Australia)

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PEER REVIEWED JOURNAL ARTICLES<sup>1,2</sup>

1. Ross, H, DM Bowman and J Wani (forthcoming 2022), ‘Voluntary Registries to Support Improved Interaction Between Police and People Living with Dementia’, *Journal of Law, Medicine & Ethics*. [IF: 1.783]
2. Johnson, WG and DM Bowman (2022), ‘Partnering with Non-State Actors to Govern Nexus Problems and Promote Climate Action in Smart Cities and Regions’, *Jurimetrics*, 62(Winter), 111-129.
3. Johnson, WG and DM Bowman (2022), ‘Inherited Regulation for Advanced ARTs: Comparing Jurisdictions’ Applications of Existing Governance Regimes to Emerging Reproductive Technologies’, *Journal of Law and the Biosciences*, 1-39. [IF: 2.431]
4. Tournas, I, and DM Bowman (2021), ‘AI Insurance: Risk Management 2.0’, *IEEE Technology & Society*, 40(4), 52-56. [IF: 1.256]

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<sup>1</sup> All articles published in Law Journals/Reviews have been through the peer-review process.

<sup>2</sup> Where co-author was a student or postdoctoral student, their name is underlined.

5. Johnson, WG and DM Bowman (2021), 'A Survey of Instruments and Institutions Available for the Global Governance of Artificial Intelligence, *IEEE Technology & Society*, 49(4), 68-76. [IF: 1.256]
6. Friedrichs, S and DM Bowman (2021), 'COVID-19 may become nanomedicine's finest hour yet', *Nature Nanotechnology*, 16, 362-363. [IF: 31.5]
7. Bowman, DM (2020), 'The Role of Soft Law in Governing Nanotechnologies', *Jurimetrics*, 61(1), 53-78.
8. Johnson, W and DM Bowman (2020), 'Emerging Technologies and the Future of Assisted Reproductive Technology', *Jurimetrics*, 60(3), 247-252.
9. Pienaar, K, A Petersen and DM Bowman (2020), 'Managing risks or generating uncertainties?: Ambiguous ontologies of testing in Australian healthcare', *Health*, 1-19.
10. Pienaar, K, A Petersen and DM Bowman (2019), 'Matters of fact and politics: generating expectations of cancer screening', *Social Science & Medicine*, 232, 408-416.
11. Tournas, L, W Johnson, AM Maynard and DM Bowman (2018), 'Germline doping for heightened performance in sport', *The Australian and New Zealand Sports Law Journal*, 12(1), 1-24.
12. Peris, S, B Corben, M Nieuwesteegc, HC Gabler, A Morris, DM Bowman, MG Lenné and M Fitzharris (2018), 'Evaluation of Alternative Intersection Treatments at Rural Cross-Roads Using Simulation Software', *Traffic Injury Prevention*, 19(sup2), S1-S7.
13. Finkel, AM, BD Trump, DM Bowman and AD Maynard (2018), 'A "Solution-Focused" Comparative Risk Assessment of Conventional and Synthetic Biology Solutions to Control Mosquitoes Carrying Dengue Fever', *Environment Systems and Decisions*.
14. Bowman, DM, H Garden, C Stroud and DE Winickoff (2018), 'The Neurotechnology and Society Interface: Responsible Innovation in an International Context', *Journal of Responsible Innovation*, 5(1), 1-12.
15. Marino, AD, DM Bowman and DJ Sylvester (2017), 'The Patent Landscape of Nanomedicines', *Medical Research Archives*, 5(9). [IF: 1.85]
16. Shelley-Egan, C, DM Bowman and D Robinson (2017), 'Devices of responsibility: Over a decade of responsible research and innovation initiatives for nanotechnologies', *Science and Engineering Ethics*.
17. Bowman, DM (2017), 'More than a Decade On: Mapping today's Regulatory and Policy Landscape following the publication of Nanoscience and Nanotechnologies: Opportunities and Uncertainties', *NanoEthics*, 11(2), 169-186. [IF: 1.89]
18. Foss-Hansen, S, R Hjorth, LM Skjolding, DM Bowman, AD Maynard, and A Baun (2016), 'A Critical Analysis of the Environmental Dossiers from the OECD Sponsorship Programme for the Testing of Manufactured Nanomaterials', *Environmental Science: Nano*. DOI: 10.1039/C6EN00465B [IF: 6.047]
19. Bowman, DM, N Woodbury and E Fisher (2016), 'Decoupling knowledge and expertise: Who will fill the gap?', *Expert Review of Precision Medicine and Drug Development*, 1(4), 345-347.
20. Bowman, DM and J Gato (2015), 'Reviewing the Regulatory Barriers for Nanomedicine: Global Questions and Challenges', *NanoMedicine*, 10(21), 3275-3286. [IF: 4.727]
21. Gulson, B, M McCall, DM Bowman and T Pinheiro (2015), 'Are we there yet? A strategy to definitively assess dermal absorption of metal oxide nanoparticles from sunscreens applied to humans', *Archives of Toxicology*, 89, 1909-1930. [IF: 5.98]
22. Shelley-Egan, C and DM Bowman (2015), 'Nano'- cosmetics and the EU Cosmetics Regulation as a case study', *Journal of Clinical Research & Bioethics*, 6, 212. [IF: 1.06]

23. Bowman, DM, RC Lewis, MS Lee and CJ Yao (2015), 'The Growing Public Health Challenges of Exposure to Ultraviolet Radiation from Use of Indoor Tanning Devices in the United States', *New Solutions*, 25, 164-171. [IF: 1.08]
24. Ludlow, K, DM Bowman, J Gatof and MG Bennett (2015), 'Regulating Emerging and Future Technologies in the Present', *NanoEthics*, 9(2), 151-163. [IF: 1.89]
25. Gajarski, RJ and D.M. Bowman (2015), 'Analysis of Paediatric Lung Donor Allocation Policy: A Call for Change?', *Journal of Health Politics, Policy and Law*, 40(2), 373-393. [IF: 1.373]
26. Elliott, H, J Bernstein and DM Bowman (2014), 'Wellness as a worldwide phenomenon?', *Journal of Health Politics, Policy and Law*, 39(5) doi: 10.1215/03616878-2813732. [IF: 1.21]
27. Hodge, GA, AD Maynard and DM Bowman (2014), 'Nanotechnology: Rhetoric, Risk and Regulation', *Science & Public Policy*, 41(1), 1-15. [IF: 1.34]
28. Bowman, DM and MG Bennett (2013), 'The Next Chapter of the Tobacco Wars: Unpacking and unravelling the latest round of constitutional challenges', *American Journal of Public Health*, 103(8), e11-e13. [IF: 3.60]
29. Bowman, DM and MG Bennett (2013), 'The Current State of Australia's Evolving Approach to Regulating Nanotechnologies', *Nanotechnology Law & Business*, 9(4). [IF: 0.54]
30. Saner, M, E Heafey and DM Bowman (2013), 'Mapping the Regulatory Environment for Nanomaterials in Canada', *Nanotechnology Law & Business*, 9(4), 343-368. [IF: 0.54]
31. Bowman, DM and K Ludlow (2013) 'Assessing the impact of a 'for government' review on the nanotechnology regulatory landscape', *Monash Law Journal*, 38(3), 168-212.
32. Bowman, DM, E Stokes and MG Bennett (2013), 'Anticipating the Societal Challenges of Nanotechnologies', *NanoEthics*, 7(1), 1-5. [IF: 1.40]
33. Kica, E and DM Bowman (2013), 'Transnational Governance Arrangements: Legitimate Alternatives to Regulating Nanotechnologies?', *NanoEthics*, 7(1), 69-82. [IF: 1.40]
34. Kica, E and DM Bowman (2012), 'Regulation by Means of Standardization: Key Legitimacy Issues of Health and Safety Nanotechnology Standards,' *Jurimetrics*, 53(1), 11-56. [IF: 0.31]
35. Petersen, A and DM Bowman (2012), 'Engaging whom and for what ends? Australian stakeholders' constructions of public engagement in relation to nanotechnologies,' *Ethics in Science and Environmental Politics*, 12, 67-79.
36. Stokes, E and DM Bowman (2012), 'Regulatory Inheritance and Emerging: Technologies: The Case of Nanotechnologies and Synthetic Biology,' *European Journal of Risk Regulation*, 2, 235-241. [IF: 0.61]
37. Grant, G and DM Bowman (2011), 'Mind the gaps on the journey: A comment on workers' compensation coverage for commuting injuries in Australia,' *International Journal of Social Security and Workers Compensation*, 3(1), 13-20.
38. D'Silva J and DM Bowman (2011), 'Why the elephant in the room appears to be more than a nano-sized challenge,' *European Journal of Law and Technology*, 2(3), 1-8. [IF: 0.73]
39. Maynard, AD, DM Bowman and GA Hodge (2011), 'The wicked problem of regulating sophisticated materials,' *Nature Materials*, 10, 554-557. [IF: 19.64]
40. van Calster, G, DM Bowman and J D'Silva (2011), 'Protecting consumers or failing them? The regulation of nanotechnologies in the EU,' *European Journal of Consumer Law*, 1, 85-113.
41. Bowman, DM and DM Studdert (2011), 'Newborn Screening Cards: A Legal Quagmire,' *Medical Journal of Australia*, 194(6), 319-322. [IF: 1.70]



42. Dorbeck-Jung, B, DM Bowman and G van Calster (2011), 'Governing Nanomedicine: Lessons from within, and for the EU medical technology regulatory framework,' *Law & Policy*, 33(2), 256-275. [IF: 1.71]
43. Kosta, E and DM Bowman (2011), 'Treating or Tracking? Regulatory Challenges of Nano-Enabled ICT Implants,' *Law & Policy*, 33(2), 215-224. [IF: 1.71]
44. Bowman, DM and G Gilligan (2010), 'Self-regulation by industry: Sufficient to protect the consumer, the company and the technology?' *UCLA Journal of Environmental Law and Policy*, 28(1), 77-121.
45. D'Silva, J and DM Bowman (2010), 'To Label or Not to Label? It's More than a Nano-sized Question,' *European Journal of Risk Regulation*, 4, 422-429.
46. Bowman, DM, J D'Silva and G van Calster (2010), 'Defining Nanomaterials for the Purpose of Regulation within the European Union,' *European Journal of Risk Regulation*, 1(2), 115-122. [IF: 1.13]
47. Bowman, DM and GA Hodge (2010), 'Governing Nanotechnologies with Civility,' *International Journal of Nanotechnology*, 7(2-3), 224-242. [IF: 1.23]
48. Fitzharris, M, DM Bowman and K Ludlow (2010), 'Return-to-work and health outcomes among survivors of road crashes in Victoria: implications for the interpretation of the influence of a no-fault insurance scheme on recovery,' *Australia and New Zealand Journal of Public Health*, 34(2), 153-159. [IF: 1.70]
49. Bowman, DM, G van Calster and S Friedrichs (2010), 'Nanomaterials and the regulation of cosmetics,' *Nature Nanotechnology*, 5(2), 92. [IF: 30.306]
50. Ludlow, K, DM Bowman and D Kirk (2009), 'Hitting the mark or falling short with nanotechnology regulation?' *Trends in Biotechnology*, 27(11), 615-620. [IF: 6.88]
51. Bowman, DM and G van Calster (2009), 'Regulatory design for new technologies: Spaghetti junction or Bauhaus?' *notizie di Politeia*, XXV(94), 75-93. [IF: 0.21]
52. Bowman, DM and GA Hodge (2009), 'Counting on Codes: An Examination of Transnational Codes as a Regulatory Governance Mechanism for Nanotechnologies,' *Regulation & Governance*, 2(3), 145-164. [IF: 2.61]
53. Bowman, DM and KA Ludlow (2009), 'Filling the Information Void: Using Public Registries as a Tool in Nanotechnologies Regulation,' *Journal of Bioethical Inquiry*, 6(1), 25-36. [IF: 1.06]
54. Bowman, DM (2009), 'Sunscreen Safety: In That Case – Response,' *Journal of Bioethical Inquiry*, 6(1), 141-143. [IF: 1.06]
55. Bowman, DM and G Gilligan (2008), 'Australian women and corruption: The gender dimension in perceptions of corruption,' *Journal of Administration & Governance*, 3(1), 1-9.
56. Bowman, DM and G van Calster (2008), 'Flawless or Fallible? A Review of the Applicability of the European Union's Cosmetics Directive in relation to Nano-Cosmetics,' *Studies in Ethics, Law and Technology*, 2(3), 1-37. [IF: 1.00]
57. Faunce, TA, K Murray, H Nasu, and DM Bowman (2008), 'Sunscreen Safety: The Precautionary Principle, The Australian Therapeutic Goods Administration and Nanoparticles in Sunscreens,' *NanoEthics*, 2(3), 231-240. [IF: 0.62]
58. Gilligan, G and DM Bowman (2008), "Netting Nano": Regulatory challenges of the internet and nanotechnologies,' *International Review of Law Computer & Technology*, 22(3), 231-246. [IF: 0.20]
59. Fitzharris, M and DM Bowman (2008), 'Booster seat use by children aged 4–11 years: evidence of the need to revise current Australasian standards to accommodate overweight children,' *Medical Journal of Australia*, 189(10), 597. [IF: 3.369]

60. Bowman, DM (2008), 'Governing Nanotechnologies: Weaving New Regulatory Webs or Patching Up the Old?' *NanoEthics*, 2(2), 179-182. [IF: 0.62]
61. Bowman, DM and GA Hodge (2008), 'A Big Regulatory Tool-Box for a Small Technology,' *NanoEthics*, 2(2), 193-207. [IF: 0.62]
62. Bowman, DM and GA Hodge (2008), 'Governing Nanotechnology without Government,' *Science and Public Policy*, 35(7), 475-487. [IF: 1.65]
63. Bowman, DM and G van Calster (2007), 'Has REACH Gone Too Far?' *Nature Nanotechnology*, 2(9), 525-526. [IF: 20.571]
64. Bowman, DM, GA Hodge, and P Binks (2007), 'Are we really the Prey? Nanotechnology as Science and Science Fiction,' *Bulletin of Science, Technology and Society*, 27, 435-445. [IF: 0.55]
65. <sup>3</sup>Bowman, DM and G Gilligan (2007), 'Public Awareness of Corruption in Australia,' *Journal of Financial Crime*, 14(4), 438-452. [IF: 0.25]
66. Bowman, DM and G van Calster (2007), 'Reflecting on REACH: Global Implications of the European Union's Chemicals Regulation,' *Nanotechnology Law and Business Journal*, 4(3), 375-384. [IF: 1.33]
67. Bowman, DM and GA Hodge (2007) 'A Small Matter of Regulation: An International Review of Nanotechnology Regulation,' *Columbia Science and Technology Law Review*, 8, 1-32.
68. Bowman, DM and M Fitzharris (2007), 'Too Small for Concern? Public Health and Nanotechnology,' *Australian New Zealand Journal of Public Health*, 31(4), 382-384. [IF: 1.69]
69. Bowman, DM and GA Hodge (2007), 'Governing Nanotechnology: More than a Small Matter?' *NanoEthics*, 1(3), 239-241. [IF: 0.62]
70. Bowman, DM (2007), 'Patently Obvious: Intellectual Property Rights and Nanotechnology,' *Technology in Society*, 29(3), 307-315. [IF: 1.32]
71. Bowman, DM and GA Hodge (2007), 'Nanotechnology 'Down Under': Getting on top of Regulatory Matters,' *Nanotechnology Law and Business Journal*, 4(2), 223-233. [IF: 1.33]
72. Hodge, GA and DM Bowman (2007), 'Engaging in Small Talk: Nanotechnology Policy & Dialogue Processes in the United Kingdom and Australia,' *Australian Journal of Public Administration*, 66(2), 222-237. [IF: 1.072]
73. Bowman, DM and GA Hodge (2007), 'Nanotechnology and Public Interest Dialogue: Some International Observations,' *Bulletin of Science, Technology and Society*, 27(2), 118-132. [IF: 0.55]
74. Bowman, DM and GA Hodge (2006), 'Nanotechnology: Mapping the Wild Regulatory Frontier,' *Futures*, 38, 1060-1073. [IF: 1.82]
75. Bowman, DM and G Gilligan (2006), 'Collar Colour,' *Monash Business Review*, 2(1), 30-33.
76. Hodge, GA, DM Bowman and P Binks (2005), 'The Big Business of Small,' *Monash Business Review*, 1(2), 16-21.
77. Hodge, GA and DM Bowman (2004), 'Governing Nanotechnology: Setting the Regulatory Agenda,' *Contemporary Issues in Business and Government*, 10(2), 18-33.
78. Bowman, DM (2004), 'Bioethical and Legal Perspectives on Xenotransplantation,' *Monash Bioethics Review*, 23(3), 16-29.

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<sup>3</sup> This paper received the 'Highly Commended Award' at the Emerald Literati Network Awards for Excellence 2008.

## PAPERS UNDER REVIEW

1. None.

## OTHER PEER REVIEWED CONTRIBUTIONS

## (CONFERENCE PAPERS, ABSTRACTS AND ENCYCLOPAEDIA ARTICLES)

1. Doxzen, KW, L Signe and DM Bowman (2022), *Advancing precision medicine through agile governance: Briding innovation and regulation for the greater good*, 4 January, Washington DC, Brookings. Available at: <https://www.brookings.edu/research/advancing-precision-medicine-through-agile-governance/>
2. Derden, T and DM Bowman (2022), 'Defining Smart Cities Through Mobility and the Importance of the Autonomous Vehicle: A Brief Discussion', *SciTech Lawyer*, Winter, 4-8.
3. Banerjee, A, I Lamrani, S Gupta, K Michael and DM Bowman (2021), 'Socio-technical co-Design for accountable autonomous software' [poster], *The IJCAI Workshop on Artificial Intelligence Safety (AISafety 2021)*, July.
4. Bowman, DM (2021), 'Drowning: The Silent Killer of 1-4 Year Olds', *International Boating and Water Safety Summit*, 17-18 May.
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28. Bowman, DM (2015), 'Sorry officer, I wasn't driving – my car was: Some legal and regulatory implications for automated vehicle technologies and driverless cars', paper presented at the *MUARC-TAC Road Safety Symposium - Innovative thinking in reducing road trauma*, Melbourne, 5 March.
29. Reichow, A and DM Bowman (2014), 'Roles of NGOs in the governance of nanomaterials', paper presented at the *S.NET Conference*, Karlsruhe, 22 September.
30. Bowman, DM and J Gatof (2014), 'Reviewing the Regulatory Barriers for Nanomedicine: Global Questions and Challenges', paper presented at the *'Quo Vadis Nano-Medicine?' Workshop*, Exeter, 10-11 April.
31. Bowman, DM, AS Jessmore and SL Greer (2014), 'Twenty-first Century Challenges to Health and Health Care: Non-communicable Diseases, Environmental Threats, and Human Rights (2000s-present)', in *The Guide to U.S. Health and Health Care Policy*, New York: CQ Press.
32. Bowman, DM, M Fitzharris and R Bingham (2013), 'Making a positive impact: Striking a balance between legislative reach and road safety', *Annals of Health Law*, 22, 281-306.
33. Bowman, DM (2013), 'Know what's coming, plan for it-the regulatory dimensions', invited presentation and panel member, *Future policy for future technologies Workshop*, Australian National University, Canberra, 21 February.
34. Sebage, M, VB Paledi, A Kestler, M Fitzharris and DM Bowman (2012), 'Characteristics of Casualty crashes in the Republic of Botswana: Identifying Evidence –Based Prevention and Opportunities', Safety 2012 World Conference, Wellington, 1-4 October.

35. Kica, E and DM Bowman (2012), 'Regulation by means of Standardisation: Key legitimacy issues of health and safety nanotechnology standards,' paper presented at the *ECPR Regulation and Governance Conference – "Embedding Nanotechnology in Society"*, Exeter, 27-29 June.
36. Bowman, DM and KA Ludlow (2012), 'Assessing the impact of a 'for government' review on the nanotechnology regulatory landscape,' paper presented at the *Law and Society Conference*, Hilton Hawaiian Village, Honolulu, 5-8 June.
37. Bowman, DM (2012), 'The Hare and the Tortoise: Nanotechnologies and the Race for Regulatory Certainty,' invited paper presented at the *International Symposium on Assessing the Economic Impact of Nanotechnology*, hosted by the OECD Working Party on Nanotechnology and the US National Nanotechnology Initiative, Washington, DC, 27-28 March.
38. Bowman, DM (2012), 'Definitions, Nomenclatures, Standards – What is going on and what is the potential impact to food and agriculture nanotechnology,' invited paper presented at the *USDA/NIFA Nanotechnology Grantees' FY 2012 Annual Meeting*, Orlando, 2-4 February.
39. D'Silva, J and DM Bowman (2011), 'Trade Secrets and Dual Use technologies - An investigation of the potential benefits and risks in the development of nanotechnologies within the defense sector,' *20th SRA Europe Meeting*, Stuttgart, 6-8 June.
40. Hodge, GA, AD Maynard and DM Bowman (2010), 'Nanotechnology: Rhetoric, Reality, Risks and Regulation,' paper presented to the *7th International Seminar on Nanotechnology, Society and Environment, Rio de Janeiro, Roundtable on International regulation and nanotechnologies: Nanotechnology, International Regulation, Science and Economic Policy*, Rio, 10-12 November.
41. Bowman, DM (2010), 'Nanotechnology governance – overview and evaluation,' paper presented at the *Governing responsible nanomedical innovation – regulatory responses to emerging applications, health and environment concerns conference*, University of Twente, 9-10 September
42. Petersen, A, K Seear and DM Bowman (2010), 'Engaging publics about nanotechnologies: Exploring the views of scientists, policymakers and regulators,' paper presented at the *European Association for the Study of Science and Technology's Annual Conference*, Trento, 2-4 September.
43. Bowman, DM and AD Maynard (2010), 'Regulating nanotechnologies: Disentangling this wicked policy challenge,' invited presentation to the New Zealand Ministry of Research, Science + Technology, Wellington, 16 August.
44. Bowman, DM (2010), *De minimis curat lex: Discussing the regulatory challenge of nanotechnology*, University of Otago, 12 August.
45. Bowman, DM (2010), 'Legal Issues associated with Nanotechnologies,' invited presentation and panel member at the *Water and nanotechnology - who chooses? Deliberative Democracy event*, The Royal Institution of Australia, Adelaide, 1 July.
46. Bowman, DM (2010), 'Domestic Regulation of Nanotechnologies – The Australian Approach,' paper presented at the *Conference on the Global Governance of Nanotechnologies*, Northeastern University, Boston, 7-8 May.
47. Hodge, GA, AD Maynard and DM Bowman (2010), 'The Nanotechnology Brand', paper presented at the *International Research Society for Public Management 14th Annual Conference*, Berne, 7-9 April.
48. Bowman, DM (2009), 'General Lessons from the Case Studies: Regulatory Issues,' rapporteur for the European Commission's *3rd Nano Safety for Success Dialogue: Building Trust in Nanotechnology*, Brussels, 4 November.
49. Bowman, DM (2009), 'Regulating Nanotechnologies: A Bird's Eye View,' invited presentation at the *Nanotechnology: The Next Asbestos? Safe Work Tasmania Week*, 29 October.

50. Bowman, DM and G Gilligan (2009), 'Self-regulation by industry: Sufficient to protect the consumer, the company and the technology?' *Working Conference on Nanotechnology Regulatory Policy*, UCLA, 17 April.
51. Bowman, DM and B Brooks (2009), 'Legal and human factors issues in the production and transportation of engineered nanoparticles in the context of limited toxicity data,' paper presented to *International Congress on Occupational Health*, Cape Town, 22-27 March.
52. Bowman, DM (2009), 'Nanotechnology – Science, Concerns and the Law,' keynote presentation to *Students' International Womens' Day Breakfast*, Parliament House, Melbourne, 6 March.
53. Bowman, DM (2009), 'International Developments: An Australian (or 'Down Under') Perspective,' invited presentation at the *2nd Annual Conference on Nanotechnology Law, Regulation, and Policy*, Washington DC, 18-19 February.
54. Bowman, DM (2009), 'Regulating Nanotechnologies,' invited presentation at the *Nanotechnology: The Next Asbestos?* ACTU Half Day Seminar, 4 February.
55. Bowman, DM (2008), "Up Close and Personal': A Review of EU Regulatory Instruments and their Applicability to Nano-Cosmetics and Nano-Foods,' invited presentation to the *nanoUiB seminar series*, University of Bergen, 16 December.
56. Bowman, DM (2008), 'Nanoparticles in the Workplace: A Best Practice Approach,' invited presentation to the *Centre for Material and Fibre Innovation*, Deakin University, 18 November.
57. Bowman, DM (2008), 'Nanotechnologies & Occupation Health and Safety Issues,' paper presented to the *Monash University Occupational Health and Safety Conference*, Monash University, 17 November.
58. Bowman, DM (2008), 'Big Research Questions for a Small Technology: An Exploration of the Scientific and Regulatory Risks Posed by Nanotechnologies,' keynote address to the Identity of the Mind, Body and Spirit, FIDIS Interdisciplinary Doctoral Consortium, Crete, 17-20 June.
59. Bowman, DM and GA Hodge (2008), 'Counting on Codes: An Examination of Transnational Nano-Codes as a Regulatory Governance Mechanism,' paper presented to the *(Re)Regulation in the Wake of Neoliberalism: Consequences of Three Decades of Privatization and Market Liberalization Conference*, Utrecht, 5-7 June.
60. Bowman, DM and G van Calster (2008), 'Flawless or Fallible? A Review of the Applicability of the European Union's Cosmetics Directive in relation to Nano-Cosmetics,' paper presented at the *Managing the uncertainties of nanotechnology: Challenges to law, ethics, and public policy making international conference*, Universita Degli Studi Di Padova, Rovigo, 22-23 May.
61. Bowman, DM (2008), 'Nanotechnology: The Science, the Law and Current Challenges Posed by Small Things,' presentation to the *Master of Occupational Health and Safety*, University of South Australia, 31 March.
62. Bowman, DM and P Binks (2007), 'From 'Farm to Fork' and Beyond: Nanotechnology in Food and Food Contact Materials,' presentation to the *Agriculture and Environment Sector Initiative Group*, Department of Primary Industries (Victoria), Melbourne, 3 December.
63. Bowman, DM and T Faunce (2007), 'NanoRegulation in Australia,' presentation at the *Nanotechnology and the law – Defining the Boundaries for Regulating* workshop, KU Leuven, 22 October.
64. Bowman, DM and GA Hodge (2007), 'The Smallest Regulatory Tool-Box in the World: Nanotechnology?' paper presented at the *4th ECPR General Conference*, Pisa, 6-8 September.
65. van Calster, G and DM Bowman (2007), 'REACH-ing Out to Regulate Nanotechnology in the European Union,' paper presented at the *4th ECPR General Conference*, Pisa, 6-8 September.

66. Bowman, DM and GA Hodge (2007), 'Governing Nanotechnology without Government?' paper presented at the *Law and Society in the 21st Century Conference*, Berlin, 25-28 July.
67. Hodge, GA, DM Bowman and K Ludlow (2007), 'Regulating Nanotechnology: Old Challenges and New,' paper presented at the *Law and Society in the 21st Century Conference*, Berlin, 25-28 July.
68. Lyons, K, G Scrinis, DM Bowman (2007), 'Under the Regulatory Radar? Nanotechnologies and Their Impacts for Rural Australia,' paper presented at the *Rural Futures Conference*, Canberra, 20 July.
69. van Calster, G and DM Bowman (2007), 'The future of regulating nanotechnology in the European Union,' presentation to the *NanoSoc workshop: Visions and Imagineries about Nanoscience and Technology*, KU Leuven, 20 June.
70. Boer B, R Cantley-Smith and DM Bowman (2007), 'Implementing International Environmental Law in Australia - Principles and Politics: An exploration of energy law and heritage law in the context of climate change,' presentation to the Faculty of Law, KU Leuven, 27 February.
71. Gilligan, G and DM Bowman (2006), "Netting Nano" - Regulatory Challenges of the Internet and Nanotechnology', paper presented at the *Frontiers of Regulation Conference: Assessing Scholarly Debates and Policy Challenges*, University of Bath, 7-8 September.
72. Hodge, GA and DM Bowman (2006), 'Nanotechnology and Public Interest Dialogue: Some Comparative Observations,' paper presented at the *Frontiers of Regulation Conference: Assessing Scholarly Debates and Policy Challenges*, University of Bath, 7-8 September.
73. Bowman, DM and GA Hodge (2006), 'Are we really the Prey? Nanotechnology as Science and Science Fiction,' paper presented at the *British Sociological Association Risk and Society Group Annual Conference*, University of Kent, Canterbury 3-5 September 2006.
74. Bowman, DM (2006), 'Nanotechnology: Commerce, Concerns & Regulatory Character,' presentation to the *Ethics and Regulation Workshops, Australian Research Council Nanotechnology Network*, University of Wollongong, 23 August and Monash University, 30 August.
75. Bowman, DM and GA Hodge (2006) 'A Small Matter of Regulation: An International Review of Nanotechnology Regulation,' paper presented at the *International Studies Association Conference*, San Diego, 22-25 March.
76. Hodge, GA, DM Bowman and P Binks (2005), 'Regulating the Invisible: Nanotechnology and the Public Interest,' paper presented to the *Managing across boundaries: New agendas for managing between governments, agencies and sectors Conference*, Melbourne, July.
77. Gilligan, G, C Lewis, K Coghill, DM Bowman and GA Hodge (2003) 'Australian Initiatives against Corruption,' paper presented at the *International Conference on Corruption, Organised Crime and Terrorism: Europe and Australia Compared*, Melbourne, 6-7 November.

#### GRANTS & SPONSORSHIP

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1. Srivastava, S *et al.* (2019), 'C-Accel Pilot - Track B2 (National Talent Ecosystem) Safe Skill-Aligned On-The-Job Training with Autonomous Systems', National Science Foundation (\$US980,000). Role: Co-PI.
2. Bowman, DM (2018), 'Three Parent Families: The Ethical and Legal Issues Raised by Advances in Assisted Reproductive Technologies' *Andrew Carnegie Corporation Fellowship* (\$200,000).
3. Maynard, AD and DM Bowman (2018), 'The potential impact of human gene editing on global sports: Preparing for 2036', ASU Global Sports Institute (\$US20,000).

4. Bowman, DM (2017), Gene Editing for Advanced Therapies: Governance, Policy and Society. Consultancy for the OECD (\$US14,000).
5. Petersen, A and DM Bowman (2017-2019), 'How do expectations shape testing in healthcare? A sociological study', funding obtained from the Australian Research Council (2017 Discovery Project) (Award Number: DP170100504) (\$A386 500). Role: Co-PI.
6. Bennett, MG and DM Bowman (2017), 'Societal Risk Management, and Responsible Research and Innovation in the contexts of the Anthropocene, Science and Converging Technologies, and Imaginary Mobilizations' (October, 2017), funding obtained from the National Science Foundation (Award Number: 1734239) (\$US25 100). Role: Co-Principal Investigator.
7. Saner, M, DM Bowman, R Friedman, G Marchant, AD Maynard and R Kassen (2016), 'Tri-National Governance and Regulation of Synthetic Biotechnology', funding obtained from the University of Ottawa (\$CA75 000).
8. Bowman, DM and AM Maynard (2016), 'Mechanisms for Open and Responsible Innovation: Brain Science and Society Programmes in Comparative Context?' (September 15-16, 2016) funding obtained from the National Science Foundation (Award Number: 1632299) (\$US24 999). Role: Principal Investigator.
9. Bennett, MG and DM Bowman (2015), 'Workshop: Building Better Futures-Junior Scholar Support for the 2015 Annual Meeting of The Society for the Study of Nanoscience and Emerging Technologies' (October 18-21, 2015), funding obtained from the National Science Foundation (Award Number: 1541939) (\$US24 895). Role: Co-Principal Investigator.
10. Michigan State University and University of Michigan Risk Science Center (2013-2016), 'Center for Ingredient Safety and Risk Assessment-Risk Communications' (Subcontract) (\$370 149 (direct costs)). Role: Co-Investigator.
11. Finkel, A, DM Bowman, AD Maynard (2013-2014), 'Designing a "Solution-Focused" Governance Paradigm for SynBio: Case Studies of Improved Risk Assessment and Creative Regulatory Design', funding obtained from the Alfred P. Sloan Foundation (\$US191 000). Role: Co-Investigator.
12. Ludlow, K, DM Bowman and MG Bennett (2013), 'Regulatory Governance of Enabling Technologies', funding obtained from the Department of Industry, Innovation, Science, Research and Tertiary Education, Commonwealth of Australia (\$A69 000). Role: Co-PI.
13. Bowman, DM and H Jarman (2013), 'Connecting the World: Making Global Health Classes Truly Global', CLRT Faculty Development Grant, The University of Michigan (\$US6 000). Role: PI.
14. Parthasarathy, S, DM Bowman and R Neitzel (2012), 'Governance of Disruptive Technologies', funding obtained from MCubed, The University of Michigan (\$US60 000). Role: Co-PI.
15. Fitzharris, M, M Lenne, DM Bowman and K Young (2012), 'Project SS1754 – Options to extend coverage of alcohol interlock programs,' funding obtained from AusRoads (\$A95 000). Role: Co-Investigator.
16. Fitzharris, M and DM Bowman (2012), 'Feasibility study for a Handbook on Road Safety,' funding obtained from the Transport Accident Commission (\$A25 000). Role: Co-PI.
17. Bowman, DM and DM Studdert (2010), 'Rehabilitation and Compensation for Injured Workers,' funding obtained from the Australian Council of Trade Unions (\$A50 000). Role: PI.
18. Petersen, A, K Sears and DM Bowman (2010), 'Communicating with citizens about nanotechnologies: views of Australian scientists, policymakers and regulators,' funding obtained from the Department of Innovation, Industry, Science and Research (\$A10 000). Role: Co-PI.

19. Hodge, GA, DM Bowman, and K Ludlow (2009), 'Nanotechnology applications in food and agriculture sectors: Principles and guidance for food safety regulation,' funding obtained from the United Nations Food and Agricultural Organisation (\$US20 000). Role: Co-PI.
20. Malbon, J, A Asher, R Brown, R Smyth, DM Bowman, GA Hodge and S Maslyuk (2009), 'Attaining optimal carbon abatement rules through consumer advocacy: Learning from European Experience on the Regulation of Energy,' funding obtained from the Consumer Advocacy Panel (\$A100 000). Role: Co-Investigator.
21. Lenne, M, M Fitzharris, K Young, GA Hodge and DM Bowman (2009), 'Graduated licensing for motorcycles,' funding obtained from VicRoads (\$A67 000). Role: Co-Investigator.
22. Bowman, DM and MP Fitzharris (2009), 'Reducing the Road Toll in Southern Africa Through Knowledge Transfer and Regulatory Intervention,' funding obtained from Monash International under the 2009 International Strategic Initiatives Fund (\$A10 000). Role: PI.
23. Petersen, A, DM Bowman and K Sears (2008), 'Nanotechnology Literature Review,' funding obtained from the Department of Innovation, Industry, Science and Research (\$A35 000). Role: Co-PI.
24. Bowman, DM (2008), 'Nanotechnologies, Risk and Communication: Science, Policy and Public Perspectives,' sponsorship for one-day symposium obtained from the Australian Research Council Nanotechnology Network (\$A2 000).
25. Bowman, DM (2008), 'Early Career Researcher Travel Grant,' Faculty of Law, Monash University (\$A3 000).
26. Bowman, DM (2008), 'Nanotechnologies, Risk and Communication: Science, Policy and Public Perspectives - Early Career Researcher Small Grant,' Faculty of Law, Monash University (\$A2 000).
27. Bowman, DM (2008), 'Overseas Travel Fellowship,' funding obtained from the Australian Research Council Nanotechnology Network (\$A4 900).
28. van Calster, G, H Maes and DM Bowman (2007), 'The Legal Case for Nanotechnology,' funding obtained from the KU Leuven Research Fund (\$A500 000). Role: Co-PI.
29. Hodge, GA and DM Bowman (2007), 'Consumer Protection in a Deregulated Retail Energy Market,' funding obtained from the Energy Retailers Association of Australia (\$A85 000). Role: Co-PI.
30. Hodge, GA, K Ludlow and DM Bowman (2007), 'Review of Possible Impacts of Nanotechnology on Australia's Regulatory Frameworks,' funding obtained from the Department of Infrastructure Tourism and Resources (\$A80 000). Role: Co-Investigator.
31. Cantley-Smith, R and DM Bowman (2007), 'Green Power: An Environmental Audit of the NEM,' funding obtained from the Consumer Utilities Advocacy Centre Grants Program (\$A26 200). Role: Co-PI.
32. Bowman, DM (2006), 'Early Career Researcher Travel Grant,' Faculty of Law, Monash University (\$A2 000).
33. Hodge, GA, R Cantley-Smith and DM Bowman (2006), 'Keeping the Regulators Accountable,' funding obtained from the Consumer Utilities Advocacy Centre Grants Program (\$A24 000). Role: Co-Investigator.
34. Cantley-Smith, R, DM Bowman and GA Hodge (2006), 'Where is the Consumer? The implications of legislative and regulatory reforms in the NEM for consumers,' funding obtained from the National Consumers Electricity Advocacy Panel Grants Program (\$A62 500). Role: Co-Investigator.



35. Hodge, GA, B Naylor, R Cantley-Smith and DM Bowman (2005), ‘Consumer Consultation: International Best Practice Models,’ funding obtained from the Consumer Utilities Advocacy Centre Grants Program (\$A25 000). Role: Co-Investigator.
36. Hodge, GA and DM Bowman (2004), ‘Protecting Consumers from Market Failure,’ funding obtained from the Consumer Utilities Advocacy Centre Grant Program (\$A15 000). Role: Co-Investigator.

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PARLIAMENTARY SUBMISSIONS, TESTIMONY AND SUBMISSIONS TO GOVERNMENT REVIEWS

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1. Testimony to the US Congressional Caucus on Smart Cities (2019), *Smart Campuses 101—Introduction to the Future*, 23 July.
2. Evidence to the NSW’s Standing Committee on State Development (2008), *Inquiry into nanotechnology in New South Wales*, 28 April.
3. Brooks, B and DM Bowman (2008), *Submission to the National OH&S Review*, Department of Education, Employment and Workplace Relations, July.
4. Bowman, DM, GA Hodge and K Ludlow (2008), *Submission to the Inquiry into nanotechnology in New South Wales*, Standing Committee on State Development, January.
5. Hodge, GA, A Freiberg and DM Bowman (2006), *Submission to the National Nanotechnology Strategy Taskforce*, Department of Industry, Tourism and Resources, 1 May.
6. Bowman, DM (2004), *Submission to the Animal-to-Human Transplantation (Xenotransplantation) Research: How Should Australia Proceed? Working Party*, National Health and Medical Research Council, 1 March.

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SUPERVISED STUDENT PROJECTS RESULTING IN A PEER-REVIEWED PUBLICATION

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1. Kizer, S (forthcoming 2021), ‘Visualizing a Way Forward: Lessons Learned and Successful Strategies from COVID-19 Data Dashboard Implementation’, *Jurimetrics*.
2. Unger, W. (2020), ‘Katz & COVID-19: How a Pandemic Changed the Reasonable Expectation of Privacy’, *Hastings Science and Technology Law Journal*, 12(1). Available at: [https://repository.uchastings.edu/cgi/viewcontent.cgi?article=1101&context=hastings\\_science\\_technology\\_law\\_journal](https://repository.uchastings.edu/cgi/viewcontent.cgi?article=1101&context=hastings_science_technology_law_journal)
3. Hein, R. (2020), ‘Shooting for the Stars, If You Miss You’ll Land Among Valuable Asteroids: An Analysis of the Legal Ramifications of Asteroid Mining’, *Jurimetrics*.
4. Johnson, W. (2019), ‘Governance Tools for the Second Quantum Revolution’, *Jurimetrics*.<sup>5</sup>
5. Gulinson, C (2017), ‘Embryonic Stem Cell Tourism’, *Jurimetrics*, 58(1), 17-57.<sup>6</sup>
6. Emory, A (2017), ‘Zero-Day Responsibility: The Benefits of a Safe-Harbor for Cyber-Security Research’, *Jurimetrics*, 57(4), 483-503.
7. Gross, A (2016), ‘Dr. Frankenstein, Or: How I learned to stop worrying and love CRISPR-CAS9’, *Jurimetrics*, 56(4), 413.<sup>7</sup>
8. Zamani-Hank, Y (2016), ‘The Affordable Care Act and the burden of high cost sharing and utilization management restrictions on access to HIV medications for people living with HIV/AIDS’, *Population Health Management*, 19(4), 272-278.

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<sup>5</sup> The paper was awarded the *Jurimetrics* Student Note of 2019 and received the first place award in the 2019 Ross-Blakley Law Library Award for Exemplary Student Research.

<sup>6</sup> This paper received first place in the 2017 The Ross-Blakley Law Library Award for Exemplary Student Research.

<sup>7</sup> This paper was awarded the 2016 Best Note for *Jurimetrics*.

9. Stroumsa, D (2014), 'The state of transgender health care: policy, law and medical frameworks', *American Journal of Public Health*, 104(3), e31-e38.

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ENGAGEMENT ACTIVITIES

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1. Vice Chair, City of Phoenix Aquatics Advisory Committee (October 2020-August 2021).
2. PLuS Alliance *Transforming Women's Leadership Pathways – Politics and Policy* (co-lead, with Kristin Irwin).
3. *The Connective* (2019-). ASU lead on the design, build and execution of the first smart region initiative within the United States. See: <http://www.greaterphxconnective.com>
4. [\*Sun Devil Safety Tips For Toddlers Around Water\*](#) (2017-), Initiated and curated the online campaign, working with US Olympic Men's Swim Coach and ASU Head Swim Coach, Bob Bowman and Phoenix Children's Hospital and Phoenix Children's Care Network (PCCN). Pilot educational project for clinical providers launched in March 2020. Project moving to scale across all PCCN clinics in Arizona and in May 2021 announced a [partnership with the Michael Phelps Foundation](#).

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SELECTED MEDIA & COMMENTARY

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1. KTAR News (2021), 'ASU launches water safety education program to reduce child drownings' 21 June. Available at: <https://ktar.com/story/4459452/asu-launches-water-safety-education-program-to-reduce-child-drownings/>
2. Donovan, R (2021), '21<sup>st</sup> Century Olympic Doping', NEO, 26 July. Available at: <https://neo.life/2021/07/21st-century-olympic-doping/>
3. King, S. (2021), 'Education and smart-region changemakers win gold at first-ever ShapingEDU Winter Games', ASU Now, 20 January. Available at: <https://asunow.asu.edu/20210119-education-and-smart-region-changemakers-win-gold-first-ever-shapingedu-winter-games>
4. Coronel Salomon, I (2020), 'Movilidad urbana en el futuro pospandemia', El Debate, 19 September. Available at: <https://www.debate.com.mx/cdmx/Movilidad-urbana-en-el-futuro-pospandemia-20200920-0032.html>
5. Tenney, J (2020), 'ASU Law students gain paid summer employment, invaluable career experience through innovative Smart State initiative', ASU Now, 9 September. Available at: [https://asunow.asu.edu/20200909-asu-law-students-gain-paid-summer-employment-invaluable-career-experience-through?fbclid=IwAR05cVEniLcMWljoSwdAgAdU6Te3hXk18OjibqndQlx\\_YeooH2NOUJ9QCNI](https://asunow.asu.edu/20200909-asu-law-students-gain-paid-summer-employment-invaluable-career-experience-through?fbclid=IwAR05cVEniLcMWljoSwdAgAdU6Te3hXk18OjibqndQlx_YeooH2NOUJ9QCNI)
6. ASU Now (2020), 'Bowman helping Phoenix become a top tech-driven 'smart region'', ASU Now, 18 July. Available at: <https://sustainability.asu.edu/news/archive/bowman-helping-phoenix-become-a-top-tech-driven-smart-region/>
7. Starnier, R. (2020), 'Working Smarter: The Connective Brings many regional entities together to solve regional challenges', *Greater Phoenix-Greater Together*, May, pp.30-33. Available at: <https://siteselection.com/cc/greaterphoenix/2020/digital.html>
8. Latzko, L. (2019), 'No1. ASU Receives recognition for innovation', *College Times*, 5 December. Available at: <http://www.collegetimes.com/no-1>
9. Bowman, DM (2019), Quoted in Noelle Schon, 'ASU law professor aims to prevent child drownings through campaign', *The State Press*, 14 February. Available at:

- <https://www.statepress.com/article/2019/02/spcommunity-asu-law-professor-aims-to-prevent-child-drownings-through-campaign>
10. Sun Devils Swimming (2018), 'Bowman Honored by Drowning Prevention Coalition of Arizona', *ASU Now*, 17 August. Available at: <https://thesundevils.com/news/2018/8/17/mens-swimming-diving-bowman-nominated-for-media-award-by-drowning-prevention-coalition-of-arizona.aspx>
  11. Bowman, DM (2018), Quoted in Tristan Ettleman, 'Scottsdale app eases finding baby sitter, furthers evolution of location-based apps', *Cronkite News*, 21 May. Available at <https://cronkitenews.azpbs.org/2018/05/21/babysitting-app/>
  12. Bowman, DM (2018), Quoted in 'Diana Bowman selected for prestigious Carnegie fellowship', *ASU Now*, 25 April. Available at: <https://asunow.asu.edu/20180425-asu-diana-bowman-selected-prestigious-carnegie-fellowship>
  13. Bowman, DM (2018), Quoted in Doug Peeples, 'How a university can be a go-to resource for your smart city transformation', *Smart Cities Council*, 12 April. Available at: <https://na.smartcitiescouncil.com/article/how-university-can-be-go-resource-your-smart-city-transformation>
  14. Bowman, DM (2018), Quoted in 'Helping smart cities use big data, connected technology for good', *ASU Now*, 3 April. Available at: <https://asunow.asu.edu/20180403-helping-smart-cities-use-big-data-connected-technology-good>
  15. Bowman, DM (2017), Quoted in 'Distracted by music when you drive?', *Fleetmode*, 28 November. Available at <https://www.fleetmode.com/blog/distracted-music-drive>
  16. Bowman, DM (2017), Quoted in Ryan Randazzo, 'Here are the Phoenix-area jobs most likely to be taken by a robot', *AZ Central*, 7 November. Available at <https://www.azcentral.com/story/money/business/tech/2017/11/08/here-phoenix-area-jobs-most-likely-taken-robot/841135001/>
  17. Gross, A and DM Bowman (2017), 'A CRISPR chicharon: the opportunities and challenges of CRISPR-modified swine', 2 June. Available at: <https://crisbits.org/2017/05/crispr-chicharon-opportunities-challenges-crispr-modified-swine/>
  18. Szejda, K and DM Bowman (2016), 'Better Safe Than Sorry: Insect Repellents in the Age of Zika', 31 August. Available at: <https://crisbits.org/2016/08/better-safe-sorry-insect-repellents-age-zika/>
  19. Bowman, DM (2015), 'The Dangers of Indoor Tanning', *Public Health Minute*, WUFT Public Radio, August. Available at: <http://wp.lehman.edu/public-health-minute/>
  20. Bowman, DM (2013), Quoted in Katharine Sanderson, 'Putting nanotechnology regulation under the microscope', *The Guardian*, 28 June. Available at: <http://www.theguardian.com/what-is-nano/putting-nanotechnology-regulation-under-the-microscope>
  21. Bowman, DM (2013), Quoted in Katharine Sanderson, 'What you need to know about nanofood', *The Guardian*, 28 April. Available at: <http://www.theguardian.com/what-is-nano/what-you-need-know-about-nano-food>
  22. Bowman, DM (2011), Quoted in the Friends of the Earth *Nano-Silver: Policy Failure puts Public Health at Risk*, Melbourne: FoE.
  23. Bowman, DM (2011), Interviewed by Richard Aedy, 'Informed consent on baby heel-prick test' on *Life Matters*, ABC Radio, 22 March. Available at: <http://www.abc.net.au/rn/lifematters/stories/2011/3169569.htm>
  24. Bowman, DM (2011), Interviewed by Natasha Stoot Despoja, ABC Radio 891, 21 March.

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