

Dr Diana M Bowman

CONTACT AND PERSONAL DETAILS

- Address Sandra Day O'Connor College of Law, Arizona State University
111 E. Taylor Street, Phoenix, AZ, 85004-4467, US
- Phone (W) +1 480-727-4519
- Email Diana.Bowman@asu.edu

TERTIARY EDUCATION

- 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)
- 1999-2003** **Monash University**
Bachelor of Science (Physiology) (BSc) and Bachelor of Laws (LLB)

Awards & Fellowships

- 2013 John D. Thompson Prize for Young Investigators, awarded by the Association of University Programs in Health Administration (AUPHA)
- 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
- 2002 Monash University Summer Vacation Research Scholarship (Monash University Accident Research Centre)

PROFESSIONAL EMPLOYMENT HISTORY

Present Positions

- 2015- Sandra Day O'Connor College of Law and School for the Future of Innovation in Society, Arizona State University**
Associate Professor
Faculty Advisor, Jurimetrics (2016-)
PLuS Alliance Fellow (2016-2019)
Team Member, PlanetWorks, Global Institute of Sustainability (2016-)
- 2007- Faculty of Law, KU Leuven (Belgium)**
Honorary International Visiting Scholar

Past Positions

- 2011-2015 School of Public Health, The 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
- 2006 Lux Research Inc**
Research Associate (Internship Program)
- 2004-2006 Faculty of Arts, Victoria University**
Lecturer

 AUSTRALIAN GOVERNMENT DELEGATIONS

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.

 SERVICE TO THE PROFESSION

Government Boards

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

Scientific Boards

2013-2017 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**

2016- Masters of Science, Technology and Policy Admissions Committee, ASU
2016- Masters of Applied Ethics and the Professor Admissions Committee, ASU

Previous

2016 Reading Committee, Tenure Application, 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 Center, School of Public Health, the University of Michigan
2012-2015 Residential Masters Admission Committee, HMP, School of Public Health, the 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

Conference Organising and/or Technical Committees

- 2016 Co-organizer (with the OECD and National Academies of Science) and Steering Group Member, OECD Workshop on *Neurotechnology and Society: Strengthening Responsible Innovation in Brain Science*, Washington D.C., 15-16 September.
Governance of Emerging Technologies: Law, Policy, and Ethics, Phoenix, 24-26 May.
- 2015 *Governance of Emerging Technologies: Law, Policy, and Ethics*, Phoenix, 15-17 May.
- 2014 *Governance of Emerging Technologies: Law, Policy, and Ethics*, Phoenix, 27-29 May.
- 2013 *Governance of Emerging Technologies: Law, Policy, and Ethics*, Phoenix, 20-21 May.
- 2012 4th S.Net Conference, University of Twente, 22-25 October.
- 2010 *Annual International Conference on Nanotechnology Software Tools NanoTech 2010*, Phuket, 6-7 December.
Study of Nanoscience and Emerging Technologies (S.NET), Darmstadt, 29 September-2 October.
- 2009 *Nanodialouge on Nanotechnology and Food Regulation*, Australian Office of Nanotechnology and Monash University, Melbourne, 25 March.
- 2008 *Nanotechnology and the law: The legal nitty-gritty for nano-foods, nanocosmetics and nanomedicine*, KU Leuven, Leuven, 8-9 December.
Nanotechnology: Science, Policy and Public Perspectives, Monash University, Melbourne, 21 November.
Green Power: An Environmental Audit of the NEM Conference Proceedings, Monash University, Melbourne, 6 May.
- 2007 *Nanotechnology and the Law: Defining the boundaries for regulation*, KU Leuven, Leuven 22 October.
- 2006 *New Global Regulatory Frontiers: Evaluating What Will Work for Nanotechnology*, Monash University, Melbourne, 17-18 July.

PhD Committees

2016 Ben Trump, University of Michigan (Committee Member)
The Use of Qualitative Methods to Inform Synthetic Biology Regulation

PhD Examinations

- 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

- 2009-** *Risk, Regulation and Policy eJournal (SSRN)*
2006- *Nanotechnology Law & Business Journal*

Ad Hoc Reviewer (Journals & Books)

<i>Nature Nanotechnology</i>	<i>Regulation & 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>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>Media International</i>	<i>Australian and New Zealand Journal of Public Health</i>	
<i>Review of Policy Research</i>	<i>Nanotechnology Law & 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 & Public Policy</i>	
<i>Science and Engineering Ethics</i>	<i>Technological Forecasting & 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)

- 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)*
 A joint initiative by the Australian Office of Nanotechnology, Department of Education, Employment and Workplace Relations, and Bridge 8.
- 2007** Austrian Science Fund (FWF)

 PROFESSIONAL DEVELOPMENT

ASU Leadership Academy: Team LA – PlanetWords, 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)

 SUBJECTS TAUGHT

- 2016-: 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)

 PEER REVIEWED JOURNAL ARTICLES[†]

1. Bowman, DM (in press, 2017), 'More than a Decade On: Mapping today's Regulatory and Policy Landscape following the publication of *Nanoscience and Nanotechnologies: Opportunities and Uncertainties*', *NanoEthics*.
2. 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
3. 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.
4. Bowman, DM and J Gatof (2015), 'Reviewing the Regulatory Barriers for Nanomedicine: Global Questions and Challenges', *NanoMedicine*, 10(21), 3275-3286.
5. 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.
6. 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.
7. 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.
8. Ludlow, K, DM Bowman, J Gatof and MG Bennett (2015), 'Regulating Emerging and Future Technologies in the Present', *NanoEthics*, 9(2), 151-163.

[†] All articles published in Law Journals/Reviews have been through the peer-review process.

9. Gajarski, R.J. 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.
10. 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.
11. Hodge, GA, AD Maynard and DM Bowman (2014), 'Nanotechnology: Rhetoric, Risk and Regulation', *Science & Public Policy*, 41(1), 1-15.
12. Bowman, DM and MG Bennett (2013), 'The Next Chapter of the Tobacco Wars: Unpacking and unraveling the latest round of constitutional challenges', *American Journal of Public Health*, 103(8), e11-e13.
13. Bowman, DM and MG Bennett (2013), 'The Current State of Australia's Evolving Approach to Regulating Nanotechnologies', *Nanotechnology Law & Business*, 9(4).
14. Saner, M, E Heafey and DM Bowman (2013), 'Mapping the Regulatory Environment for Nanomaterials in Canada', *Nanotechnology Law & Business*, 9(4), 343-368.
15. 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.
16. Bowman, DM, E Stokes and MG Bennett (2013), 'Anticipating the Societal Challenges of Nanotechnologies', *NanoEthics*, 7(1), 1-5.
17. Kica, E and DM Bowman (2013), 'Transnational Governance Arrangements: Legitimate Alternatives to Regulating Nanotechnologies?', *NanoEthics*, 7(1), 69-82.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. Maynard, A.D, DM Bowman and GA Hodge (2011), 'The wicked problem of regulating sophisticated materials,' *Nature Materials*, 10, 554-557.
24. 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.
25. Bowman, DM and DM Studdert (2011), 'Newborn Screening Cards: A Legal Quagmire,' *Medical Journal of Australia*, 194(6), 319-322.
26. 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.
27. Kosta, E and DM Bowman (2011), 'Treating or Tracking? Regulatory Challenges of Nano-Enabled ICT Implants,' *Law & Policy*, 33(2), 215-224.

28. 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.
29. 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.
30. 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.
31. Bowman, DM and GA Hodge (2010), 'Governing Nanotechnologies with Civility,' *International Journal of Nanotechnology*, 7(2-3), 224-242.
32. 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.
33. Bowman, DM, G van Calster and S Friedrichs (2010), 'Nanomaterials and the regulation of cosmetics,' *Nature Nanotechnology*, 5(2), 92.
34. Ludlow, K, DM Bowman and D Kirk (2009), 'Hitting the mark or falling short with nanotechnology regulation?' *Trends in Biotechnology*, 27(11), 615-620.
35. Bowman, DM and G van Calster (2009), 'Regulatory design for new technologies: Spaghetti junction or Bauhaus?' *notizije di Politeia*, XXV(94), 75-93.
36. 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.
37. 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.
38. Bowman, DM (2009), 'Sunscreen Safety: In That Case – Response,' *Journal of Bioethical Inquiry*, 6(1), 141-143.
39. 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.
40. 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.
41. 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.
42. 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.
43. 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.
44. Bowman, DM (2008), 'Governing Nanotechnologies: Weaving New Regulatory Webs or Patching Up the Old?' *NanoEthics*, 2(2), 179-182.
45. Bowman, DM and GA Hodge (2008), 'A Big Regulatory Tool-Box for a Small Technology,' *NanoEthics*, 2(2), 193-207.
46. Bowman, DM and GA Hodge (2008), 'Governing Nanotechnology without Government,' *Science and Public Policy*, 35(7), 475-487.

47. Bowman, DM and G van Calster (2007), 'Has REACH Gone Too Far?' *Nature Nanotechnology*, 2(9), 525-526.
48. 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.
49. ‡Bowman, DM and G Gilligan (2007), 'Public Awareness of Corruption in Australia,' *Journal of Financial Crime*, 14(4), 438-452.
50. 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.
51. 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.
52. 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.
53. Bowman, DM and GA Hodge (2007), 'Governing Nanotechnology: More than a Small Matter?' *NanoEthics*, 1(3), 239-241.
54. Bowman, DM (2007), 'Patently Obvious: Intellectual Property Rights and Nanotechnology,' *Technology in Society*, 29(3), 307-315.
55. Bowman, DM and GA Hodge (2007), 'Nanotechnology 'Down Under': Getting on top of Regulatory Matters,' *Nanotechnology Law and Business Journal*, 4(2), 223-233.
56. 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.
57. Bowman, DM and GA Hodge (2007), 'Nanotechnology and Public Interest Dialogue: Some International Observations,' *Bulletin of Science, Technology and Society*, 27(2), 118-132.
58. Bowman, DM and GA Hodge (2006), 'Nanotechnology: Mapping the Wild Regulatory Frontier,' *Futures*, 38, 1060-1073.
59. Bowman, DM and G Gilligan (2006), 'Collar Colour,' *Monash Business Review*, 2(1), 30-33.
60. Hodge, GA, DM Bowman and P Binks (2005), 'The Big Business of Small,' *Monash Business Review*, 1(2), 16-21.
61. Hodge, GA and DM Bowman (2004), 'Governing Nanotechnology: Setting the Regulatory Agenda,' *Contemporary Issues in Business and Government*, 10(2), 18-33.
62. Bowman, DM (2004), 'Bioethical and Legal Perspectives on Xenotransplantation,' *Monash Bioethics Review*, 23(3), 16-29.

PAPERS UNDER REVIEW

1. Shelley-Egan, C, DM Bowman and D Robinson, 'Devices of responsibility: Over a decade of responsible research and innovation initiatives for nanotechnologies'.
-

‡ This paper received the 'Highly Commended Award' at the Emerald Literati Network Awards for Excellence 2008.

 WORKING PAPERS

1. Fitzharris, M, R Bingham, DM Bowman et al, 'The MUARCH-TAC Enhanced Crash Investigation Study: Study Update, analysis of crash types and contributing factors', submitted to the *Australian Road Safety Conference*.
2. Stephens, A., M Fitzharris, R Bingham, DM Bowman et al, 'What drivers do while speeding: Examining the association between speeding and driver distraction through the Enhanced Crash Investigation Study protocol', submitted to the *Australian Road Safety Conference*.

OTHER PEER REVIEWED CONTRIBUTIONS

 (CONFERENCE PAPERS, ABSTRACTS AND ENCYCLOPAEDIA ARTICLES)

1. Fitzharris, M, R Bingham, DM Bowman et al. (2015), 'The MUARC-TAC Enhanced Crash Investigation Study: A platform to understand the causes and consequences of serious injury crashes', *Australian Road Safety Conference*, October, Gold Coast, Australia.
2. Fitzharris M, DM Bowman, A Kestler and M Sebege (2010), 'Reducing the road toll in Southern Africa through knowledge transfer and regulatory intervention,' *Injury Prevention*, 16 (Supplement 1), A214 [Abstract].
3. Brooks, B and DM Bowman (2010), 'Safe Work Australia,' *Encyclopaedia of Nanoscience and Society*, London: Sage International, 690-691.
4. Bowman, DM (2010), 'National Industrial Chemicals Notification and Assessment Scheme (Australia),' *Encyclopaedia of Nanoscience and Society*, London: Sage International, 577-578.
5. Bowman, DM, GA Hodge and M Fitzharris (2010), 'Therapeutic Goods Administration (Australia),' *Encyclopaedia of Nanoscience and Society*, London: Sage International, 257.
6. Bowman, DM, K Ludlow and GA Hodge (2010), 'Australia,' *Encyclopaedia of Nanoscience and Society*, London: Sage International, 34-36.
7. van Calster, G, DM Bowman, J D'Silva (2008), 'Sufficient or Deficient? A Review of the Adequacy of Current European Legislative Instruments for Regulating Nanotechnologies across Three Industry Sectors,' paper presented at the *Tilting perspectives on regulating technologies*, 10-11 December, Tilburg.
8. Hodge, GA, DM Bowman and P Binks (2005), 'Governing the Invisible: The New Regulatory Frontiers of Nanotechnology' paper presented at the *Integrated Governance Conference*, Prato Italy, 26-29 October.

 PUBLICATIONS – EDITED BOOKS

1. Bowman, DM, E Stokes and A Rip (eds) (forthcoming March 2017), *Embedding New Technologies into Society: A Regulatory, Ethical and Societal Perspective*, Singapore: Pan Stanford.
2. Fitzharris, MP, DM Bowman and S Billingsley (eds) (forthcoming 2017), *International Handbook on Road Safety*, Cheltenham: Edward Elgar.
3. Bowman, DM, A Dijkstra, C Fautz, J Guivant, K Konrad, H van Lente and S Woll (2016), *Responsibility and Emerging Technologies: Experiences, Education and Beyond*, Berlin: IOS Press.
4. Bowman, DM, A Dijkstra, C Fautz, J Guivant, K Konrad, H van Lente and S Woll (2015), *Practices of Innovation and Responsibility: Insights from Methods, Governance and Action*, Berlin: IOS Press.

5. Hull, M and DM Bowman (eds) (2014), *Nanotechnology Risk Management: Perspectives and Progress* (2nd edition), London: Elsevier.
6. Gasson, M, E Kosta and DM Bowman (eds) (2012), *Human ICT Implants: Technical, legal and ethical considerations*, Amsterdam: TMC Asser Press.
7. Hodge, GA, DM Bowman and AD Maynard (eds) (2010), *International Handbook on Regulating Nanotechnologies*, Cheltenham: Edward Elgar.
8. Hull, M and DM Bowman (eds) (2010), *Nanotechnology Risk Management: Perspectives and Progress* (1st edition), London: Elsevier.
9. Hodge, GA, DM Bowman and K Ludlow (eds) (2007), *New Global Frontiers in Regulation: The Age of Nanotechnology*, Cheltenham: Edward Elgar.

BOOK/REPORT CHAPTERS (PEER-REVIEWED)

1. Bowman, DM, A Rip and E Stokes (forthcoming 2017), 'Introduction', in DM Bowman, E Stokes and A Rip (eds), *Embedding New Technologies into Society: A Regulatory, Ethical and Societal Perspective*, Singapore: Pan Stanford.
2. Bowman, DM, E Stokes and B Trump (forthcoming 2017), 'Modifying materials, mosquitoes and measures: the regulation of nanotechnologies and synthetic biology', in DM Bowman, E Stokes and A Rip (eds), *Embedding New Technologies into Society: A Regulatory, Ethical and Societal Perspective*, Singapore: Pan Stanford.
3. Dorbeck-Jung, B and DM Bowman (forthcoming, 2017), 'Regulatory governance approaches for emerging technologies; in DM Bowman, E Stokes and A Rip (eds), *Embedding New Technologies into Society: A Regulatory, Ethical and Societal Perspective*, Singapore: Pan Stanford.
4. Bowman, DM, ND May, AD Maynard (in press, 2017), 'Nanomaterials in Cosmetics: Regulatory Aspects', in Amparo Salvador and Alberto Chisvert (eds), *Analysis of Cosmetic Products* (2nd edition), London: Elsevier.
5. Gergely, A, DM Bowman and Q Chaudhry (in press, 2017), 'Infinitesimal Ingredients: An Analysis of the Regulatory Dimensions of Nanotechnologies in Foods and Food Contact Materials', in Qasim Chaudhry, Lawrence Castle and Richard Watkins (eds), *Nanotechnologies in Food* (2nd edition), London: The Royal Society of Chemistry
6. Bowman, DM, D.J. Sylvester and A Marino (in press, 2017), 'Returning to the Patent Landscapes for Nanotechnology; Assessing the garden that it has grown into,' in Sarah J Hurst and Emily Day (eds.), *Biomedical Nanotechnology: Methods and Protocols*, New York: Springer.
7. Bowman, DM and K Ludlow (in press, 2017), 'Ensuring Food Safety: General Principles for Safeguarding What You Eat Including the Role of Food Labels', in Rosa Busquets (ed.), *Emerging nanotechnologies in food science*, New York: Elsevier, pp.175-193.
8. Bowman, DM, A Dijkstra, C Fautz, J Guivant, K Konrad, H van Lente and S Woll (2016), 'Aspirations of Responsibility for Emerging Technologies', in DM Bowman, A Dijkstra, C Fautz, J Guivant, K Konrad, H van Lente and S Woll (eds), *Responsibility and Emerging Technologies: Experiences, Education and Beyond*, Berlin: IOS Press.
9. Bowman, DM, A Dijkstra, C Fautz, J Guivant, K Konrad, H van Lente and S Woll (2015), 'Moving Beyond Concern: Practices of Innovation and Responsibility for Emerging Technologies' in DM Bowman, A Dijkstra, C Fautz, J Guivant, K Konrad, H van Lente and S Woll (eds.), *Practices of Innovation and Responsibility: Insights from Methods, Governance and Action*, Berlin: IOS Press, pp.1-8.

10. Reichow, A and DM Bowman (2015), 'Roles of Non-Governmental Organizations in the Governance of Nanomaterials', in DM Bowman, A Dijkstra, C Fautz, J Guivant, K Konrad, H van Lente and S Woll (eds.), *Practices of Innovation and Responsibility: Insights from Methods, Governance and Action*, Berlin: IOS Press, pp.69-84.
11. Bowman, DM, Q Chaudhry and A Gergely (2015), 'Evidence-based Regulation of Food Nanotechnologies: A Perspective from the European Union and United States' in Cristina Sabliov, Hongda Chen and Rickey Yada (eds), *Nanotechnology and Functional Foods: Effective Delivery of Bioactive Ingredients*, New Jersey: Wiley-Blackwell, pp.358-373.
12. Bowman, DM (2014), 'Two Steps Forward, One Step Back: Shaping the Nanotechnologies Landscape Through Regulatory Choice', in Matt Hull and Diana M Bowman (eds), *Nanotechnology Risk Management: Perspectives and Progress* (2nd edition), London: Elsevier, pp.313-335.
13. Hull, M and DM Bowman (2014), 'Nanotechnology Environmental Health and Safety – what we've learned and where we're (potentially) heading', in Matt Hull and Diana M Bowman (eds), *Nanotechnology Risk Management: Perspectives and Progress* (2nd edition), London: Elsevier, pp.3-8.
14. Foss Hansen, S, AD Maynard, A Baun, JA Tickner, and DM Bowman (2014), 'What are the warning signs that we should be looking for?', in Matt Hull and Diana M Bowman (eds), *Nanotechnology Risk Management: Perspectives and Progress* (2nd edition), London: Elsevier, pp.9-24.
15. Bowman, DM (2013), 'The Hare and the Tortoise: An Australian Perspective on Regulating New Technologies and their Products and Processes,' in Gary Marchant, Kenneth Abbott and Braden Allenby (eds), *Innovative Governance Models for Emerging Technologies*, Cheltenham: Edward Elgar, 155-175.
16. Bowman, DM and J D'Silva (2013), 'Government Regulation of Nanotechnologies,' in Takuya Tsuzuki (ed), *Nanotechnology Commercialization*, Singapore: Pan Stanford, pp.265-286.
17. Foss Hansen, S, AD Maynard, A Baun, JA Tickner and DM Bowman (2013), 'Nanotechnology – early lessons from early warnings,' in the European Environment Agency (ed), *Late Lessons from Early Warnings 2 - In Praise of Dissent*, Brussels: European Commission, pp.562-591.
18. Bowman, DM, M Gasson and E Kosta (2012), 'The societal reality of that which was once science fiction,' in Mark Gasson, Eleni Kosta and Diana M Bowman (eds), *Human ICT Implants: Technical, legal and ethical considerations*, Amsterdam: TMC Asser Press, pp.169-172.
19. Kosta, E and DM Bowman (2012), 'Implanting implications: data protection challenges arising from the use of human ICT implants,' in Mark Gasson, Eleni Kosta and Diana M Bowman (eds), *Human ICT Implants: Technical, legal and ethical considerations*, Amsterdam: TMC Asser Press, pp.95-109.
20. Gasson, M, E Kosta and DM Bowman (2012), 'Human ICT implants: From invasive to pervasive,' in Mark Gasson, Eleni Kosta and Diana M Bowman (eds), *Human ICT Implants: Technical, legal and ethical considerations*, Amsterdam: TMC Asser Press, pp.1-7.
21. Chaudhry, Q, A Gergely and DM Bowman (2012), 'Regulatory Frameworks for Food', in Qingrong Huang (ed), *Nanotechnology in the food, beverage and nutraceutical industries*, Sawston: Woodhead Publishing, pp.85-101.
22. Bowman, DM and GA Hodge (2011), 'Nanotechnology and Global Regulation,' in Donnie Macluran (ed), *Nanotechnology and Global Sustainability*, London: Key Technologies International, pp.261-280.
23. Bowman, DM and J D'Silva (2011), 'The 'Wicked' Problem of Regulating Nanotechnologies: Local and global challenges,' in Torben B. Zülsdorf, Christopher Coenen, Arianna Ferrari, Ulrich Fiedler, Colin Milburn and Matthias Wienroth (eds), *Quantum Engagements – Social Reflections of Nanoscience and Emerging Technologies*, Amsterdam: IOS Press.
24. D'Silva, J and DM Bowman (2011), 'The Regulation of Nanomedicine,' in LP Balogh (ed), *Nanomedicine in Health and Disease*, London: Elsevier, pp. 20-42.

25. Sylvester, DJ and DM Bowman (2011), 'Navigating the Patent Landscapes for Nanotechnology: English Gardens or Tangled Grounds?' in Sarah J Hurst (ed), *Biomedical Nanotechnology: Methods and Protocols*, New York: Springer, pp. 359-378.
26. Hodge, GA, DM Bowman and AD Maynard (2010), 'Introduction: The Regulatory Challenges for Nanotechnologies,' in Graeme A Hodge, Diana M Bowman and Andrew D Maynard (eds), *International Handbook on Regulating Nanotechnologies*, Cheltenham: Edward Elgar, pp.3-24.
27. Maynard, A, DM Bowman and GA Hodge (2010), 'Conclusions: Triggers, Gaps, Risks and Trust,' in Graeme A Hodge, Diana M Bowman and Andrew D Maynard (eds), *International Handbook on Regulating Nanotechnologies*, Cheltenham: Edward Elgar, pp.573-586.
28. van Calster, G and DM Bowman (2010), 'A good foundation? Regulatory oversight of nanotechnologies using cosmetics as a case-study,' in Graeme A Hodge, Diana M Bowman and Andrew D Maynard (eds), *International Handbook on Regulating Nanotechnologies*, Cheltenham: Edward Elgar, pp.268-290.
29. Gergely, A, Q Chaudhry and DM Bowman (2010), 'Regulatory perspectives on nanotechnologies in foods and food contact materials,' in Graeme A Hodge, Diana M Bowman and Andrew D Maynard (eds), *International Handbook on Regulating Nanotechnologies*, Cheltenham: Edward Elgar, pp.321-342.
30. van Calster, G, DM Bowman and J D'Silva (2010), 'Trust me, I'm a regulator?: the (in)adequacy of EU legislative instruments for three nanotechnologies categories,' in MEA Goodwin, BJ Koops and RE Leenes (eds.), *Dimensions of Technology Regulation*, Amsterdam: Wolf Legal Publishing, pp.205-235.
31. Gergely, A, DM Bowman and Q Chaudhry (2010), 'Small Ingredients in a Big Picture: Regulatory Perspectives on Nanotechnologies in Foods and Food Contact Materials,' in Qasim Chaudhry, Lawrence Castle and Richard Watkins (eds), *Nanotechnologies in Food*, London: The Royal Society of Chemistry, pp.150-181.
32. Bowman, DM (2010), 'Global Perspectives on the Oversight of Nanotechnologies,' in Matthew Hull and Diana M Bowman (eds), *Nanotechnology Risk Management: Perspectives and Progress*, London: Elsevier, pp.73-95.
33. Hull, M, DM Bowman and S Friedrichs (2010), 'Nanotechnology Environmental Health and Safety – Preface,' in Matthew Hull and Diana M Bowman (eds), *Nanotechnology Risk Management: Perspectives and Progress*, London: Elsevier, pp.ix-xiii.
34. Bowman, DM and G van Calster (2010), 'Smoke that Thunders – Risk, Confusion and Regulatory Frameworks for New Technologies,' in Kamilla Kjølberg and Fern Wickson (eds), *Nano Meets Macro: Social Perspectives on Nanoscale Sciences and Technologies*, London: Pan Stanford Publishing.
35. Hodge, GA and DM Bowman (2009), 'Nanotecnología: la cartografía de las salvajes fronteras de reglamentación,' in Jorge E. Celebro Moreno (ed), *Nuevas Fronteras de La Regulación, Transformación y diseño institucional*, Mexico City: Universidad Autónoma Metropolitana Unidad Cuajimalpa, pp 219-251.
36. Bowman, DM (2009), 'Going Green Through New Technologies,' in Rowena Cantley-Smith and Diana M Bowman (eds), *Green Power: An Environmental Audit of the NEM*, Melbourne: Centre for Regulatory Studies, pp.181-194.
37. Cantley-Smith, R and DM Bowman (2009), 'Energy and the Environment: Introduction to Australian and International Perspectives,' Rowena Cantley-Smith and Diana M Bowman (eds), *Green Power: An Environmental Audit of the NEM*, Melbourne: Centre for Regulatory Studies, 9-20.
38. Hodge, GA, DM Bowman and K Ludlow (2007), 'Introduction: Big Questions for Small Technologies,' in Graeme Hodge, Diana Bowman and Karinne Ludlow (eds), *New Global Frontiers in Regulation: The Age of Nanotechnology*, Cheltenham: Edward Elgar, pp.3-28.

39. Bowman, DM and GA Hodge (2007), 'Nanotechnology Products in Australia: Chemicals, Cosmetics and Regulatory Character,' in Graeme Hodge, Diana Bowman and Karinne Ludlow (eds), *New Global Frontiers in Regulation: The Age of Nanotechnology*, Cheltenham: Edward Elgar, pp.239-264.
40. Bowman, DM and G Gilligan (2007), 'How will the regulation of nanotechnology develop? Clues from other sectors,' in Graeme Hodge, Diana Bowman and Karinne Ludlow (eds), *New Global Frontiers in Regulation: The Age of Nanotechnology*, Cheltenham: Edward Elgar, pp.353-383.
41. Ludlow, K., DM Bowman and GA Hodge (2007), 'Big Regulatory Questions: Something Old, Something New, Something Borrowed, Something Blue,' in Graeme Hodge, Diana Bowman and Karinne Ludlow (eds), *New Global Frontiers in Regulation: The Age of Nanotechnology*, Cheltenham: Edward Elgar, pp.385-405.
42. Gilligan, G and DM Bowman (2007), 'Countering Corruption - An Australian Perspective,' in Les Holmes (ed), *Terrorism, Corruption and Organised Crime: Networks and Linkages*, Cheltenham: Edward Elgar, pp.171-201.
43. Hodge, GA and DM Bowman (2006), 'The Consultocracy: The Business of Reforming Government,' in G. Hodge (ed), *Privatisation and Market Development: Global Movements in Public Policy Ideas*, Cheltenham: Edward Elgar, pp.97-126.
44. Evans, J and D.M Bowman (2005), 'Getting the Contract Right,' in Graeme Hodge and Carsten Greve (eds), *The Challenge of Public-Private Partnerships: Learning from International Experience*, Cheltenham: Edward Elgar, pp.62-80.
45. Hodge, GA. and DM Bowman (2004), 'PPP Contractual Issues - Big Promises and Unfinished Business,' in A Ghobadian, et al. (eds), *Public-Private Partnerships: Policy and Experience*, Hampshire: Palgrave Macmillan.

REPORTS & OTHER PUBLICATIONS

1. Fitzharris, M. et al. (2015), *Options to Extend Coverage of Alcohol Interlock Programs*, prepared for Austroads, Clayton: Monash University and University of Michigan.
2. Bowman, DM, K Ludlow and MG Bennett (2013), *Regulatory Models for Future Developments in Enabling Technologies*, Ann Arbor: University of Michigan.
3. Fitzharris, M, K Yong and DM Bowman (2012), *Potential Benefits of 'Driver Distraction' Regulatory Reform*, Melbourne: Monash University.
4. Australian Academy of Science (2012), contributor to the 'Nano-manufacturing and Safety' chapter, in C Jagadish, A Holmes and G Wallace (eds), *National Nanotechnology Research Strategy*, Canberra: AAS.
5. Bowman, DM, DM Studdert, M Adams, G Grant and K Lowden (2011), *Rehabilitation and Compensation for Injured Workers: A Review of the Australian Schemes*, Melbourne: The University of Melbourne.
6. Petersen, A, K Seear and DM Bowman (2010), *Communicating with citizens about nanotechnologies: Views of key stakeholders in Australia*, Melbourne: Monash University and The University of Melbourne.
7. Fitzharris, M, A Shifotoka-Mbango, DM Bowman and M Scheepers (2010), *Namibia multi-centre road crash injury surveillance program: Phase 1 – Pilot Study*, report prepared for the Motor Vehicle Accident Fund of Namibia, Melbourne: Monash University Accident Research Centre.
8. Monica, J and DM Bowman (2009), 'Australia Considers Proposal for Nano-Regulatory Reform', *National Nanomanufacturing Network*, 23 December, available at: <http://www.internano.org/content/view/full/340/251/>

9. Petersen, A, K Seear and DM Bowman (2009), *The Social and Economic Impacts of Nanotechnologies: A Literature Review*, report prepared for the Commonwealth Department of Innovation, Industry, Science and Research, Melbourne: Monash University.
10. Bowman, DM (2008), 'Regulatory challenges of human ICT implants', in E Kosta and M Gasson (eds), *Future of Identity in the Information Society (FIDIS)12.6: A Study on ICT Implants*, Brussels: European Commission.
11. Hodge, GA, DM Bowman, R Cantley-Smith, and E Mutabazi (2008), *Keeping the Regulators Accountable: Improving Practices in Energy Markets for Disadvantaged Consumers and Stakeholders*, Melbourne: Monash Centre for Regulatory Studies, Monash University.
12. Bowman, DM and GA Hodge (2008), *Final Report: Consumer Protection in a Deregulated Retail Energy Market*, Melbourne: Monash Centre for Regulatory Studies, Monash University.
13. Bowman, DM and GA Hodge (2008), *Draft Report: Consumer Protection in a Deregulated Retail Energy Market*, Melbourne: Monash Centre for Regulatory Studies, Monash University.
14. Ludlow, K, DM Bowman and GA Hodge (2007), *Final Report: Review of Possible Impacts of Nanotechnology on Australia's Regulatory Frameworks*, Melbourne: Monash Centre for Regulatory Studies, Monash University.
15. Kosta, E, DM Bowman and BJ Koops (2007), 'Reply to the statement: "An anthropological approach of technology and society: an overview"', by Daniela Cerqui, *Converging technologies, society & privacy*, *Future of Identity in the Information Society (FIDIS) D12.2 Study on emerging technologies*, Brussels: European Commission.
16. Cantley-Smith, R, DM Bowman and GA Hodge (2007), *Where is the Consumer? The Implications of Legislative and Regulatory Reforms in the National Electricity Market for Australian Consumers*, Melbourne: Monash Centre for Regulatory Studies, Monash University.
17. Bowman, DM, GA Hodge, R Cantley-Smith and B Naylor (2007), *Consumer Consultation: International Best Practice Models*, Melbourne: Monash Centre for Regulatory Studies, Monash University.
18. Bondar, A and DM Bowman (2005), *Electricity Reform in Victoria: Outcomes for Consumers*, Melbourne: Consumer Law Centre Victoria and Centre for the Study of Privatisation & Public Accountability, Monash University.
19. Hodge, GA and DM Bowman (2004), 'Eyes Wide Open', *Source*, 88-89.
20. Bowman, DM, D Coghill and GA Hodge (2004), *Protecting Utility Consumers from Market Failure*, Melbourne: Centre for the Study of Privatisation and Public Accountability, Monash University and Consumer Utilities Advocacy Centre.

NON-PEER REVIEWED JOURNAL ARTICLES, CONFERENCE PAPERS & INVITED PRESENTATIONS

1. Maynard, AD, DM Bowman and JG Hodge (forthcoming 2016), 'Mitigating Risks to Pregnant Teens From Zika Virus in the United States', *Journal of Law, Medicine, and Ethics*.
2. Garden, H, DM Bowman, S Haesler and DE Winickoff (2016), 'Neurotechnology and Society: Strengthening Responsible Innovation in Brain Science', *Neuron*, 92, 642-646.
3. Bowman, DM (2016), 'Science-Democracy-Industry: Who is in charge of regulating nanomaterials?', *Good Nano, Bad Nano*, Universitat Wein, 2 December.
4. Shelly-Egan, C, D Robinson and DM Bowman (2016), 'Mapping 'devices of responsibility' over a decade of Responsible Research and Innovation (RRI) initiatives for nanoscience and nanotechnology', paper presented at the *S.NET Conference*, Bergen, 13 October.

5. 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.
6. Reichow, A and DM Bowman (2014), 'Roles of NGOs in the governance of nanomaterials', paper presented at the *S.NET Conference*, Karlsruhe, 22 September.
7. 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.
8. 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.
9. 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.
10. 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.
11. Sebago, 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.
12. 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.
13. Bowman, DM and K 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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
19. 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.

20. 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.
21. Bowman, DM (2010), *De minimis curat lex: Discussing the regulatory challenge of nanotechnology*, University of Otago, 12 August.
22. 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.
23. 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.
24. 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.
25. 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.
26. Bowman, DM (2009), 'Regulating Nanotechnologies: A Bird's Eye View,' invited presentation at the *Nanotechnology: The Next Asbestos? Safe Work Tasmania Week*, 29 October.
27. 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.
28. 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.
29. Bowman, DM (2009), 'Nanotechnology – Science, Concerns and the Law,' keynote presentation to *Students' International Womens' Day Breakfast*, Parliament House, Melbourne, 6 March.
30. 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.
31. Bowman, DM (2009), 'Regulating Nanotechnologies,' invited presentation at the *Nanotechnology: The Next Asbestos? ACTU Half Day Seminar*, 4 February.
32. 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.
33. 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.
34. Bowman, DM (2008), 'Nanotechnologies & Occupation Health and Safety Issues,' paper presented to the *Monash University Occupational Health and Safety Conference*, Monash University, 17 November.
35. 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.
36. 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.
37. 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*, Università Degli Studi Di Padova, Rovigo, 22-23 May.
 38. 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.
 39. 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.
 40. 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.
 41. 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.
 42. 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.
 43. 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.
 44. 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.
 45. 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.
 46. 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.
 47. 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.
 48. 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.
 49. 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.
 50. 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.
 51. 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.

52. 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.
53. 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.
54. 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

1. 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.
2. 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).
3. 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) (\$US24,990). Role: Principal Investigator.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.

12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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).
20. Bowman, DM (2008), 'Early Career Researcher Travel Grant,' Faculty of Law, Monash University (\$A3 000).
21. Bowman, DM (2008), 'Nanotechnologies, Risk and Communication: Science, Policy and Public Perspectives - Early Career Researcher Small Grant,' Faculty of Law, Monash University (\$A2 000).
22. Bowman, DM (2008), 'Overseas Travel Fellowship,' funding obtained from the Australian Research Council Nanotechnology Network (\$A4 900).
23. 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.
24. 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.
25. 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.
26. 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.
27. Bowman, DM (2006), 'Early Career Researcher Travel Grant,' Faculty of Law, Monash University (\$A2 000).
28. 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.

29. 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.
30. 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.
31. 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.

GRANT APPLICATIONS CURRENTLY UNDER REVIEW OR TO BE SUBMITTED IN MID-2016

1. Maynard, A, DM Bowman, and D Robinson, 'Additive Manufacturing Scenarios: Controlled speculation and exploration of 3D printing in markets and society to inform risk assessment and regulation', submitted to National Science Foundation (\$210,000). Role: Co-PI.

PARLIAMENTARY SUBMISSIONS, TESTIMONY AND SUBMISSIONS TO GOVERNMENT REVIEWS

1. Evidence to the NSW's Standing Committee on State Development (2008), *Inquiry into nanotechnology in New South Wales*, 28 April.
2. Brooks, B and DM Bowman (2008), *Submission to the National OH&S Review*, Department of Education, Employment and Workplace Relations, July.
3. Bowman, DM, GA Hodge and K Ludlow (2008), *Submission to the Inquiry into nanotechnology in New South Wales*, Standing Committee on State Development, January.
4. Hodge, GA, A Freiberg and DM Bowman (2006), *Submission to the National Nanotechnology Strategy Taskforce*, Department of Industry, Tourism and Resources, 1 May.
5. 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.

SELECTED MEDIA & COMMENTARY

1. 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/>
2. Bowman, DM (2015), 'The Dangers of Indoor Tanning', *Public Health Minute*, WUFT Public Radio, August. Available at: <http://wp.lehman.edu/public-health-minute/>
3. 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>
4. 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>
5. Bowman, DM (2011), Quoted in the Friends of the Earth *Nano-Silver: Policy Failure puts Public Health at Risk*, Melbourne: FoE.

6. 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>
7. Bowman, DM (2011), Interviewed by Natasha Stoot Despoja, ABC Radio 891, 21 March.
8. Hagan, K (2011), Quoted in 'Consent changes for baby blood tests', *The Age*, 21 March, p.5
9. van Calster, G, DM Bowman and J D'Silva (2010), *Submission to the European Commissions Proposal for a Commission definition of the term "nanomaterials"*, Brussels: Directorate General Environment, November.
10. Bowman, DM (2009), Quoted in Arizona State University Media Release, 'LST builds first global nanotech regulation database', available at: <http://www.law.asu.edu/?id=2122>
11. Bowman, DM (2008), Interviewed by Michael Lallo for 'Sweating the small stuff', *The Age*, 11 March, Epicure.
12. Bowman, DM (2008), 'Nanotechnology on the Radar', *Australian Science Media Centre Business & Media Panel*, Melbourne, 28 February.
13. Hodge, GA, K Ludlow and DM Bowman (2008), 'New Global Frontiers in Regulation – Podcast', Interview with Dr Cameron Chai, *AZoNano.com*, 22 January, available at: <http://www.azonano.com/sale.asp?saleID=144>
14. Whalley, N. (2006), 'Nanotechnology Regulation', *Monash Magazine*, Spring/Summer, available at: <http://www.monash.edu.au/pubs/monmag/issue18-2006/research/research-nanotechnology.html>
15. Goss, S. (2006), 'Staying ahead of the Law', Postgraduate Study Guide, *The Age*, 7 October, p.1-2.
16. Hodge, GA, DM Bowman and K. Ludlow (2006) 'A nano-future is promising but its also a challenge!', *Perspective*, *ABC Radio National*, 28 September.
17. Monash Newslines (2006), *Nanotechnology: Below the regulatory radar?*, 19 July, www.monash.edu.au/news/newslines/story/940
18. Law Matters (2006), 'Feature: Nano - Miniscule Technology, Massive Implications', *Law Matters*, 1/06, p.4-5.

BOOK REVIEWS

1. Bowman, DM (2007), *Review of Nanotechnology Challenges: Implications for Philosophy, Ethics and Society*, edited by Joachim Schummer and Davis Baird, *NanoEthics*, 1(1), 75-76.