

Contributors

Amina Agovic is a Post-doctoral researcher at Malmö University, Sweden. She received her PhD in law from Helsinki University for her dissertation on 'Patents, Ethics and Stem Cell Research: The Case of hESC Innovation in Australia, Europe and the United States'. Amina is currently teaching intellectual property rights and working on developing an E-learning stem cell system for stem cell scientists and relevant parties. She is an Australian qualified solicitor with a common law background and specialisation in European and Anglo-American intellectual property laws. To date, she has published a number of publications; participated in many conferences in respect of stem cell sciences and intellectual property rights and contributed to a number of European Union Framework Program (FP) 6 and 7 Projects. In addition Amina has spent a year as a visiting scholar at the Faculty of Medicine, Lund University, Sweden.

Adam Bostanci is a Senior Research Fellow at St Vincent's Hospital in Melbourne and an Honorary Fellow in History and Philosophy of Science at the University of Melbourne. Previously, he was a lecturer in social science at the Hughes Hall Centre for Biomedical Science in Society at the University of Cambridge. He did his doctoral training at the ESRC Centre for Genomics in Society at the University of Exeter (UK). He also holds master's degrees in natural sciences and in the history and philosophy of science, both from the University of Cambridge. Recent research projects have focused on the development of techniques for the inference of likely ethnic identification of a subject from a DNA sample (sometimes discussed as 'racial profiling'), and the development of techniques for non-invasive prenatal diagnosis (NIPD).

Jane Calvert is an RCUK Academic Fellow at the ESRC Innogen Centre, University of Edinburgh. She has a BSc in human sciences (Sussex), an MSc in the history and philosophy of science (LSE), and a DPhil in science and technology policy research (Sussex). She worked at the ESRC Centre for Genomics in Society at the University of Exeter, where she became interested in the insights that the philosophy of biology can bring to the social study of genomics. Her work focused on intellectual property issues,

showing that ideas about the nature of genes and genomes have implications for patentability. At Edinburgh, Jane's broad area of research is the sociology of the life sciences, with particular attention to systems and synthetic biology. She is interested in interdisciplinary interactions, intellectual property and open source, and design and aesthetics in synthetic biology. She is principal investigator on the Synthetic Aesthetics Project (www.syntheticaesthetics.org).

Graham Dufield is Professor of International Governance at the School of Law, University of Leeds. His approach to the law and policy of intellectual property and innovation is interdisciplinary, containing elements of anthropology, economics, geography, history (of science and pharmaceutical intellectual property), development studies, and the life sciences including genetics. His most recent works include *Intellectual Property Rights and the Life Science Industries: Past, Present and Future*, and *Intellectual Property and Human Development: Current Trends and Future Scenarios* (edited with Tzen Wong). He has affiliations with the Intellectual Property and Technology Program, Osgoode Hall Law School, York University, Toronto, and with the Centre for Studies of Intellectual Property Rights, Zhongnan University of Economics and Law, Wuhan, China. In addition, he is on the Scientific Advisory Board of PhytoMetaSyn, a large synthetic biology project funded by Genome Canada. He has a DPhil in geography from the University of Oxford.

Donna M. Gitter is an Associate Professor of Law at Baruch College's Zicklin School of Business, City University of New York, in New York City. She has published numerous articles relating to judicial and legislative responses in the European Union and the United States to issues at the intersection of technology and ethics, such as biotechnology patenting and biomedical ethics. These articles have appeared in publications such as the *Berkeley Journal of International Law*, the *Columbia Science and Technology Law Review*, the *Duke Journal for Comparative and International Law*, the *New York University Law Review*, and the *Washington and Lee Law Review*. Professor Gitter has won several research grants and awards, including The Ralph C. Hoerber Memorial Award for Excellence in Business. She has been invited to present her work at international conferences in Europe and Asia, as well as in the United States. Professor Gitter graduated Phi Beta Kappa and *cum laude* from Cornell University's College of Arts and Sciences, where she earned a BA in government in 1989. In 1994, she earned her JD from the University of Pennsylvania Law School.

Richard Gold is a James McGill Professor at McGill University's Faculty of Law where he was the founding director of the Centre for Intellectual

Property Policy. He teaches in the area of intellectual property, property and innovation. His research centres on the nexus between innovation, development and commerce, particularly with respect to biotechnology. He has provided advice to Canadian federal and provincial governments, the Organisation for Economic Cooperation and Development, the World Health Organization, the World Intellectual Property Organization and UNITAID.

Francis Hemmings completed his bachelor's degree in biotechnology engineering before switching gears and starting his law degree at the University of Montreal in 2008. Compelled by an interest in ethics, biotechnology and law he works part-time, during his studies, at the Center of Genomics and Policy. At the CGP he conducted an exhaustive analysis on the limits of what modern society considers patentable material. This work ultimately led to a report for the World Intellectual Property Organization (WIPO). In a separate project, he investigated the recognition of intellectual property rights in one's own biological samples and the problem this poses for publicly funded biobanks.

Sarah Holcombe has a disciplinary background in social anthropology, undertaking her PhD field research in remote central Australia. Half of her 20 years experience working with Indigenous Australians has been as an applied anthropologist in the Northern Territory. More recently this work has involved developing resources, such as protocols and guidelines, for government agencies and research bodies to systematise an ethical and collaborative approach to working with Indigenous knowledge holders in research. She has, for the last nine years, been engaged in a diverse range of research projects at the Australian National University (ANU) through the Centre for Aboriginal Economic Policy Research (CAEPR), including as Social Science Coordinator for the Desert Knowledge Cooperative Research Centre. This research has ranged from working in the Pilbara region of Western Australia on the socio-economic sustainability of mining for Indigenous communities, to research in central Australia with community councils on Indigenous governance issues, issues of land tenure and reterritorialisation, and the governance of Indigenous knowledge in research. She is currently an Adjunct Fellow in the Research School of Humanities and the Arts, ANU and a Senior Research Officer at the recently established Aboriginal and Torres Strait Islander Healing Foundation.

Terri Janke is the solicitor director of Terri Janke and Company Pty Ltd, a Sydney based law firm that specialises in Indigenous cultural and intellectual property. A significant part of Terri's client base involves the advancement of protection for Indigenous Australian people in respect of intellectual property matters, and she has represented a diverse range of clients across many fields of the arts and biodiversity knowledge management. She has written many reports, protocol documents and articles on Indigenous cultural and intellectual property. See www.terrijanke.com.au for more information. Terri is enrolled in a PhD at the National Centre for Indigenous Studies at the Australian National University (ANU).

Pierre-Benoit Joly, economist and sociologist, is Directeur de Recherche at the National Institute of Agronomic Research (INRA) in France. He holds a degree in agronomy (1982), a PhD in economics (1987) and the habilitation à diriger les recherches (1995). He is Director of the IFRIS (French Institute for Research, Innovation and Society). Since 1996, his research activities have focused on the governance of collective risks, socio-technical controversies, the use of scientific advice in public decision making and the forms of public participation in scientific activities. He was a member of the expert group Science and Governance, at the European Commission; and he is a member of the Council of European Association for the Study of Science and Technology (EASST) and chairs the Scientific Council of the Programme on GMOs at the French Ministry for Ecology. He has published about a hundred articles (of which more than 50 in refereed journals) and three books, and he has coordinated five special issues of social science journals. He lectures at Ecole des Hautes Etudes en Sciences Sociales (EHESS) on science, expertise and public debate and at Sciences Po Paris on risk governance.

Yann Joly, PhD (DCL), is a lawyer and Assistant Professor at the Faculty of Medicine, Department of Human Genetics at McGill University, as well as an ethics and legal consultant in the private sector. His research activities lie at the interface of intellectual property, health law (biotechnology and other emerging health technologies) and bioethics. In recent years, he has worked as a lecturer teaching intellectual property and biotechnology law at the law faculties of both McGill University and the Université de Montreal. He has served as a legal advisor on several ethics committees of the MUHC and is currently a member of the Independent Ethics Advisory Committee for the biotechnology company Genizon Biosciences. Assistant Professor Joly is a co-author of the recent report from the Canadian Academy of Health Sciences on the topic of the returns on investments in health research. He has authored more than 50 articles on the legal issues raised by the development, integration and use of new health technologies

in leading legal and scientific journals. Recently, he has co-authored a report for the World Intellectual Property Organization.

Alison McLennan is a PhD candidate and Vice-Chancellor's Scholar at the Australian National University College of Law. She studied science (cellular and molecular biology) and law as an undergraduate at ANU. She is interested in the regulation of emerging technology, particularly biotechnology. Alison is currently researching legal issues relating to synthetic biology. She is exploring the regulatory, intellectual property and biosecurity issues raised by recent developments in this field. Alison is also interested in health and medical law, and the history and philosophy of science.

Dianne Nicol is Professor in the Law Faculty at the University of Tasmania and is a deputy director of the Centre for Law and Genetics (CLG). The broad theme of the CLG's research is the regulation of biotechnology, human genetics and stem cell technology. Dianne is particularly interested in the legal issues associated with the commercialisation of genetic knowledge and patenting of genetic inventions. She has a PhD in cell biology as well as her qualification in law. Her primary teaching responsibilities are in the area of law and technology, including intellectual property, biotechnology, information technology and media law.

Matthew Rimmer is an Australian Research Council Future Fellow, an Associate Professor at the ANU College of Law, and an Associate Director of the Australian Centre for Intellectual Property in Agriculture. He holds a BA (Hons) and a University Medal in literature, and an LLB (Hons) from the Australian National University. Dr Rimmer received a PhD in law from the University of New South Wales for his dissertation on *The Pirate Bazaar: The Social Life of Copyright Law*. He is a member of the ANU Climate Change Institute and a director of the Australian Digital Alliance. He has published widely on copyright law and information technology, patent law and biotechnology, access to medicines, clean technologies, and traditional knowledge. Dr Rimmer is the author of *Digital Copyright and the Consumer Revolution: Hands Off My iPod* (Edward Elgar, 2007), *Intellectual Property and Biotechnology: Biological Inventions* (Edward Elgar, 2008), and *Intellectual Property and Climate Change: Inventing Clean Technologies* (Edward Elgar, 2011). He edited the collection *Patent Law and Biological Inventions* (Federation Press, 2006) and co-edited the collection *Incentives for Global Public Health: Patent Law and Access to Essential Medicines* (Cambridge University Press, 2010). Dr Rimmer was a chief investigator in an Australian Research Council Discovery Project, 'Gene Patents in Australia: Options for Reform' (2003–2005), and an Australian

Research Council Linkage Grant, 'The Protection of Botanical Inventions' (2003). He is currently a chief investigator in an Australian Research Council Discovery Project, 'Promoting Plant Innovation in Australia' (2009–2011), and an Australian Research Council Future Fellowship, 'Intellectual Property and Climate Change: Inventing Clean Technologies' (2011–2015).

Joshua D. Sarnoff is Associate Professor at DePaul University College of Law, where he teaches patent law, advanced patent law, and intellectual property and climate change in the Center for Intellectual Property Law and Information Technology. He was previously a professor at the Washington College of Law, American University, in the Glushko-Samuelsen Intellectual Property Law Clinic, and at the University of Arizona College of Law. He is a registered patent attorney and a member of the bars of Washington DC and California, a former member of the Board of Governors of the Federal Circuit Bar Association, and a member of the boards of directors and advisory boards of various non-profit organisations. He has written numerous articles and book chapters on patent law and has been involved in a wide range of intellectual property legal and policy disputes. He has submitted testimony on domestic patent law reform bills, has filed numerous amicus briefs in the United States Supreme Court and in the Court of Appeals for the Federal Circuit on important patent law issues, has been a pro bono mediator for the Federal Circuit, and has been a consultant to the United Nations Conference on Trade and Development on international intellectual property, trade and environmental issues.

Eva Hemmungs Wirtén is Professor in Library and Information Science (also Associate Professor (Docent) in Comparative Literature) at Uppsala University, Sweden. Her research is focused on international copyright and the history of the public domain. She is the author of *No Trespassing: Authorship, Intellectual Property Rights, and the Boundaries of Globalization* (2004) and *Terms of Use: Negotiating the Jungle of the Intellectual Commons* (2008), both University of Toronto Press. Forthcoming in 2011 is the essay 'A Diplomatic *Salto Mortale*: Translation Trouble in Berne, 1884–1886' for *Book History*, **14**, 2011, and a small volume on copyright and translation entitled *Cosmopolitan Copyright: Law and Language in the Translation Zone*. Her new book project, on *The Intellectual Properties of Marie Curie*, is being funded by HERA (Humanities in the European Research Area) between 2010 and 2013. Website: www.abm.uu.se/evahw