2018

Cambridge Handbook of Public-Private Partnerships, Intellectual Property Governance, and Sustainable Development (Front Matter)

Margaret Chon
Pedro Roffe
Ahmed Abdel-Latif

Follow this and additional works at: https://digitalcommons.law.seattleu.edu/cambridgehandbook-ppp-ip-sdg
Advance Praise for *The Cambridge Handbook of Public-Private Partnerships, Intellectual Property Governance, and Sustainable Development*

“At a time in which prospects for normative and technical assistance initiatives to address access to public goods have been overwhelmed by new challenges arising from globalization, digitization, and the failure of multilateralism, this book offers a careful study of public-private partnerships (PPPs) in a variety of sectors, using case studies that offer guidance to policymakers, raise new questions for scholars, and, collectively, outline the contours of new pathways in the design and governance of PPPs, with a distinctive path to advancing access to knowledge and access to technology. The book is a should have — and a must read.”

Ruth Okediji, Harvard Law School and the Berkman Klein Center

“We cannot realistically approach attainment of the Sustainable Development Goals (SDGs) without transformative innovation in public health, energy, and agriculture, and without effective and equitable dissemination of the fruits of this innovation. The SDGs recognize the vital contribution of innovation and of partnership between public and private actors for sustainable development: indeed, the SDGs in a sense epitomise the pressing need for public–private partnership on a grand scale. At another level, each intellectual property (IP) right can be construed in itself as a kind of public–private partnership, devised in principle to harness private capacities and resources to deliver welfare-enhancing public goods. This timely publication explores the complex linkages between the broad policy context defined by the SDGs, and the concrete task of using the intellectual property system to forge practical partnerships that yield tangible results, examined through the lens of how intellectual property rights are managed within a diverse selection of public–private partnerships. In distilling practical and policy insights from this rich vein of experience, and analysing equally diverse approaches to managing intellectual property rights to leverage public benefit, this landmark volume opens up possibilities for a more nuanced, more grounded, and more enabling understanding for policymakers of the complex roles and potential contributions of the intellectual property system in efforts to achieve the SDGs; and it equally provides direct guidance for those engaged in the practical planning and management of knowledge-based programmes for sustainable development. In illuminating and documenting the linkages between the wider policy context and actual programme design and delivery, it marks a substantial advance towards the informed and empirically grounded inquiry that is sorely needed if we are to ensure that the intellectual property system fulfils its potential contribution to the SDGs.”

Antony Taubman, World Trade Organization

“This timely book covers a very important trio of topics, and is a ‘must-read’ for anyone interested in current issues relating to intellectual property and its broader social and developmental goals.”

Edward Kwakwa, World Intellectual Property Organization

“The twenty-first century will be increasingly driven by the globalization of knowledge goods. How should intellectual property be governed in public–private partnerships if they are to comply with sustainable development goals? This impressive collection brings together concrete experiences to draw lessons for future directions in global governance of knowledge.”

Sakiko Fukuda-Parr, The New School

“This book makes a long overdue contribution to the understanding of public–private partnerships (PPPs) and their role in global knowledge governance. PPPs are often found on the intersection of private intellectual property and public interest. Their variety is as plentiful as the views expressed in this book which makes it a must read for anyone interested in the question of whether PPPs address intellectual property and development challenges effectively or worsen them.”

Ellen ’t Hoen, Medicines Law & Policy and Global Health Unit, University Medical Centre Groningen
Public–private partnerships (PPPs) play an increasingly prominent role in addressing global development challenges. United Nations agencies and other organizations are relying on PPPs to improve global health, facilitate access to scientific information, and encourage the diffusion of climate change technologies. For this reason, the 2030 Agenda for Sustainable Development highlights their centrality in the implementation of the Sustainable Development Goals (SDGs). At the same time, the intellectual property dimensions and implications of these efforts remain under-examined. Through selective case studies, this illuminating work contributes to a better understanding of the relationships between PPPs and intellectual property considered within a global knowledge governance framework that includes innovation, capacity-building, technological learning, and diffusion. Linking global governance of knowledge via intellectual property to the SDGs, this is the first book to chart the activities of PPPs at this important nexus.

Margaret Chon is the Donald & Lynda Horowitz Professor for the Pursuit of Justice, and former Associate Dean for Research, at Seattle University School of Law, where her current research explores the relationship of intellectual property to human and sustainable development.

Pedro Roffe is a Senior Fellow at the International Centre for Trade and Sustainable Development, where his work focuses on intellectual property, foreign investment, transfer of technology, and international economic negotiations.

Ahmed Abdel-Latif is the Chief, Office of the Director General, at the International Renewable Energy Agency. Previously, he was Senior Programme Manager for Innovation, Technology and Intellectual Property at the International Centre for Trade and Sustainable Development.
Contents

List of Figures ........................................................................................................................................... page ix
List of Tables ............................................................................................................................................. xi
List of Contributors ................................................................................................................................. xiii
Foreword .................................................................................................................................................... xxi
Acknowledgments ...................................................................................................................................... xxiii
Glossary ....................................................................................................................................................... xxv

Introduction .................................................................................................................................................. 1
1 Charting the Triple Interface of Public–Private Partnerships, Global Knowledge Governance, and Sustainable Development Goals .......................................................... 3
Margaret Chon, Pedro Roffe, and Ahmed Abdel-Latif

Part I Public Health ....................................................................................................................................... 27
2 Public–Private Partnerships as Models for New Drug Research and Development: The Future as Now .......................................................... 29
Frederick M. Abbott
3 Driving Innovation for Global Health through Multi-stakeholder Partnerships .......... 47
Anatole Krattiger, Thomas Bombelles, and Ania Jedrusik
4 Creating, Managing, and Advancing Collaborations: The Road to Successful Partnerships ........................................................................... 72
Katy M. Graef, Jennifer Dent, and Amy Starr
5 Patent Pooling in Public Health ........................................................................................................... 93
Esteban Burrone
6 Intellectual Property in Early-Phase Research Public–Private Partnerships in the Biomedical Sector .............................................................................. 109
Hilde Stevens and Isabelle Huys

Part II Education, ICT, and Libraries ........................................................................................................ 141
7 A Publisher Perspective on a Public–Private Partnership for Access to Biomedical Information ................................................................. 143
Jens Bammel
Sara Bannerman
Table of Contents

9 The Marrakesh Treaty, Public–Private Partnerships, and Access to Copyrighted Works by Visually Impaired Persons ........................................................ 176
Susan Isiko Štrba

10 Intellectual Property and Public–Private Partner Motivations: Lessons from a Digital Library ............................................................ 199
Melissa Levine

Part III Environmental Issues: Green Technologies and Agriculture .......... 221
Ahmed Abdel-Latif

12 Innovation Law and Policy Choices for Climate Change-Related Public–Private Partnerships ................................................................. 245
Joshua D. Sarnoff and Margaret Chon

13 How Do Climate Change and Energy-Related Partnerships Impact Innovation and Technology Transfer?: Some Lessons for the Implementation of the UN Sustainable Development Goals ................................ 289
Ayşem Mert and Philipp Pattberg

14 One Size Does Not Fit All: The Roles of the State and the Private Sector in the Governing Framework of Geographical Indications .................. 308
Irene Calboli and Delphine Marie-Vivien

Part IV Governance and Institutional Design Perspectives ..................... 331
15 Public–Private Partnerships and Technology Sharing: Existing Models and Future Institutional Designs .............................................................. 333
Padmashree Gehl Sampath

16 From the MDGs to the SDGs: Cross-Sector Partnerships as Avenues to Development in the UN System ............................................................... 356
David J. Maurrasse

17 Sustainable Development through a Cross-Regional Research Partnership .......... 376
Chidi Oguamanam and Jeremy de Beer

Peter K. Yu

Conclusion ........................................................................................................... 423

19 The Triple Interface: Findings and Future Directions .............................. 425
Margaret Chon
Figures


3.2 WIPO Re:Search based on the collaboration between WIPO and BVGH. Source: BIO Ventures for Global Health............................................... 61

3.3 The Partnership Hub – facilitating collaborations.................................................. 63

4.1 WIPO and BVGH are responsible for coordinating and leading WIPO Re:Search activities. WIPO manages the WIPO Re:Search Database and provides developing world organizations with access to academic journal articles. BVGH recruits new WIPO Re:Search Members and facilitates and manages partnerships between Members. Both BVGH and WIPO are responsible for engaging Members, coordinating Member workshops, and communicating the activities and successes of the Consortium. Source: BIO Ventures for Global Health................................. 75

4.2 Through its proactive partnering approach, BVGH has established 108 research collaborations spanning 13 neglected infectious diseases. Source: BIO Ventures for Global Health.................................................. 77

4.3 At the Consortium’s inception, the majority of collaborations BVGH established focused on drug development. As time advanced, diagnostics development and basic research became more prominent (a). While the majority of collaborations established during the Consortium’s first two years and to date involve a for-profit and nonprofit organization, in recent years, nonprofit + nonprofit partnerships have increased, outpacing for-profit + nonprofit collaborations in 2014 and 2015 (b). Source: BIO Ventures for Global Health.................................................. 80

5.1 The Medicines Patent Pool model. ........................................................................ 97

6.1 Classification of the different types of PPP along the discovery–development–delivery continuum in the biopharmaceutical sector. Source: Hilde Stevens et al., Perspectives and Opportunities for Precompetitive Public–Private Partnerships in the Biomedical Sector, 32 Biotechnology L. Rep. 131 (Jun. 2013), 135. Reprinted with permission from BIOTECHNOLOGY LAW REPORT,
List of Figures

13.1 Goals and functions of climate and energy partnerships ........................................ 301
13.2 Active climate and energy partnership registered with CSD .................................. 302
13.3 General characteristics of sample ........................................................................ 302
13.4 Lead partners among state and non-state actors ................................................... 303
13.5 Lead partners in climate and energy partnerships ................................................... 304
13.6 Countries of implementation ................................................................................ 304
Tables

6.1 IP frameworks (knowledge sharing strategies) applied in biomedical PPPs. Source: Stevens, Hilde et al., Intellectual Property Policies in Early-Phase Research in Public–Private Partnerships, 34 Nat. Biotechnol. 509 (2016).................................page 112

6.2 Summary of the IMI 2 IP Policy, based on previous experiences from IMI 1. Source: Stevens, Hilde, The Role of Intellectual Property in (Precompetitive) Public–Private Partnerships in the Biomedical Sector 82–83 (2015).................................120

Contributors

Frederick M. Abbott is Edward Ball Eminent Scholar Professor of International Law at Florida State University College of Law. He has served as expert consultant for numerous international and regional organizations, governments, and nongovernmental organizations, mainly in the fields of intellectual property and technology transfer, public health, trade, competition, and sustainable development. He recently served on the Expert Advisory Group to the United Nations Secretary-General’s High Level Panel on Access to Medicines. He is Co-Chair of the Committee on Global Health Law of the International Law Association, having served as Rapporteur for the Committee on International Trade Law from the inception of its work in 1993 to its conclusion in 2014. He regularly serves as a panelist for the WIPO Arbitration and Mediation Center. He has served as counsel to governments in WTO dispute settlement proceedings, and in national court proceedings. He is the author of many books and articles in the fields of international intellectual property rights law, public health, international economic law, and competition law.

Ahmed Abdel-Latif is Chief of the Office of the Director General at the International Renewable Energy Agency. Previously, he was Senior Programme Manager for Innovation, Technology and Intellectual Property at the International Centre for Trade and Sustainable Development. As an Egyptian career diplomat, he worked at the Permanent Mission of Egypt to the United Nations and the World Trade Organization in Geneva, where he was a delegate to the TRIPS Council and to the World Intellectual Property Organization. He has taken an active part in international discussions on intellectual property, innovation, and development. Recent publications include Protecting Traditional Knowledge: The WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore (2017, edited with D. Robinson and P. Roffe). He holds an LLM in public international law from the London School of Economics, a BA in political science from the American University in Cairo, and the Diplôme of the Institut d’Etudes Politiques de Paris.

Jens Bammel is an international publishing industry consultant. Having studied law, he has worked as a legal advisor to the United Kingdom magazine industry before joining the Publishers Licensing Society of the United Kingdom as CEO from 1998 until 2003. From 2003 until 2015 he represented the international publishing industry as Secretary General of the International Publishers Association. Since then, he has worked as a consultant to publishers, publishers’ associations, and international organizations.
Sara Bannerman is Canada Research Chair in Communication Policy and Governance and an associate professor of communication studies at McMaster University in Canada. She has published two books on international copyright: *International Copyright and Access to Knowledge* (2016) and *The Struggle for Canadian Copyright: Imperialism to Internationalism, 1842–1971* (2013). She has also published numerous peer-reviewed articles and book chapters on international copyright, international copyright history, and other topics. She is a vice chair of the Law Section of the International Association for Media and Communication Research.

Thomas Bombelles is Head of NGO and Industry Relations in the Department for Transition and Developed Countries at the World Intellectual Property Organization (WIPO). He is a principal liaison for WIPO, with a range of external stakeholders representing civil society and the private sector. From 2013 to 2017 he was Head of Global Health in WIPO’s Global Challenges Division. Before joining WIPO, he worked as an international policy analyst and government relations professional based in Washington, DC, for the Pharmaceutical Research and Manufacturers of America, and also for Merck & Co., Inc. During his career in the pharmaceutical industry, he devoted much of his time to addressing the issue of intellectual property protection and access to medicines. He has honors degrees from the University of Michigan, Ann Arbor, and the Johns Hopkins School of Advanced International Studies, Washington, DC.

Esteban Burrone is Head of Policy of the Medicines Patent Pool (MPP), where he oversees partnerships with a wide range of external organizations including governments, intergovernmental organizations, and civil society organizations. He has been with the MPP since its establishment in 2010 and is part of the senior management team. Before that he worked at the World Intellectual Property Organization and at UNITAID. He has more than fifteen years’ experience working in the field of innovation, intellectual property rights, and access to medicines with a focus on developing countries. He holds a Master of Science in development studies from the London School of Economics and a Master in Business Administration from the International University in Geneva.

Irene Calboli is Professor of Law at Texas A&M University School of Law, Lee Kong Chian Fellow and Visiting Professor at Singapore Management University School of Law, and Transatlantic Technology Law Forum Fellow at Stanford Law School. She is an elected member of the American Law Institute. She currently serves as the Chair of the Art Law Section of the Association of American Law Schools. She is a member of the Board of the European Policy for Intellectual Property Law Association and the Legislation and Regulation Committee of the International Trademark Association. Her most recent books include *Diversity in Intellectual Property* (2015) and *Geographical Indications at the Crossroads of Trade, Development, and Culture: Focus on Asia Pacific* (2017).

Margaret Chon is the Donald & Lynda Horowitz Professor for the Pursuit of Justice and former Associate Dean for Research at Seattle University School of Law. She is the author of numerous articles, books, book chapters, and review essays on intellectual property, as well as on race and law. Her current research explores the relationship of global intellectual property legal frameworks to distributive justice and human development. A member of the Seattle University faculty since 1996, she has visited at many law schools, teaching classes on international intellectual property as well as other innovation and technology law subjects. An alumna of Cornell University College of Arts and
Science (AB Biology), the University of Michigan School of Public Health, and the University of Michigan Law School, she clerked with the US Court of Appeals for the Third Circuit and practiced intellectual property law before joining the academy.

Jeremy de Beer is an award-winning professor at the University of Ottawa’s Faculty of Law and a cofounding director of the Open African Innovation Research network (Open AIR). He is a senior research associate at the IP Unit, University of Cape Town, and a senior fellow at the Centre for International Governance Innovation. He shapes ideas about innovation, intellectual property, global trade, and development. As a practicing lawyer and expert consultant, he has argued numerous cases before the Supreme Court of Canada, advised large and small businesses and law firms, and consulted for agencies from national governments and the United Nations.

Jennifer Dent has more than twenty years of broad-based pharmaceutical and biotechnology experience, including negotiation and structuring of deals, and management of global discovery and commercial alliances. Jennifer began her career as a sales representative in Canada working in a variety of positions for Parke Davis/Pfizer and Genentech. Following the acquisition of Genentech Canada by Roche, Jennifer held a number of senior management positions in marketing, lifecycle management, global product strategy, business development, and alliance management at Roche and Genentech in Canada, Switzerland, New Jersey, and south San Francisco. Jennifer cofounded Sound Biotechnology. Before that, she served as Vice President, Business Development, Marketing, and Sales at CombiMatrix Corporation in Washington. Jennifer graduated with a BSc from the University of Western Ontario and received her executive MBA at Western’s Richard Ivey School of Business.

Padmashree Gehl Sampath works in the team at the United Nations Conference on Trade and Development (UNCTAD) that produces their flagship publication, the Trade and Development Report. Previously she led the Technology and Innovation Report Series of UNCTAD for several years. She is Adjunct Professor at the Faculty of Social Sciences, University of Aalborg, and a professorial fellow at the United Nations University-MERIT, where previously she worked as a researcher from 2002 to 2007. She was a lecturer on tenure for international development and innovation at the Open University, United Kingdom, from 2007 to 2009. She has published five books as well as several journal articles and chapters in books. She is on several boards, including the reviewing board of the Swiss Research Council. She received awards from the Rockefeller Foundation in 2009 and the Rotary International in India in 2010.

Katy M. Graef obtained her Bachelor’s degree in microbiology from the University of Washington. She completed her PhD in virology at the University of Oxford, through the NIH Oxford-Cambridge Scholars Program. She became a postdoctoral research fellow at the Rocky Mountain Laboratories in Montana. She taught an undergraduate microbiology course and mentored numerous laboratory students during her undergraduate and graduate studies.

Isabelle Huys is a pharmacist and doctor in pharmaceutical sciences with further specialization in intellectual property rights (IPR) and regulatory sciences. She is a full-time professor at the Faculty of Pharmaceutical Sciences of KU Leuven, Belgium. Her research and teaching focus on IPR and legal and regulatory strategies in the drug
life cycle, including biobanking, clinical research pathways, and market access, with the aim to promote access to safe, effective, and affordable therapies, including personalized treatments.

**Susan Isiko Štrba** is a visiting senior research fellow at the University of the Witwatersrand School of Law, where she lectures on intellectual property, cosupervises PhD students, and conducts research on topics related to intellectual property, trade, and development. She is a tutor at the WIPO Academy. She has been a visiting lecturer at the Graduate Institute of International and Development Studies in Geneva, and the Boston University International Campus in Geneva. She has extensive policy, legislative, and technical advising experience for the world’s leading international organizations, including WHO, ILO, UNCTAD, WIPO, and the EU. She has been an advisor to the African Union, COMESA, a number of African governments, and various NGOs. Before joining the international arena, she was a practicing lawyer with firms in Nairobi, Kenya and Kampala, Uganda. She is the author of *International Copyright Law and Access to Education in Developing Countries: Exploring Multilateral Legal and Quasi-Legal Solutions* and has published numerous journal articles in the field of IP and development. She is a member of the International Association for the Advancement of Teaching and Research in Intellectual Property and a member of the Executive Council of the Society of International Economic Law.

**Ania Jedrusik** is currently Intellectual Property Policy Manager at the European Federation of Pharmaceutical Industries and Associations. At the time of contribution to this book, she worked as an independent consultant with the Global Challenges Division of the World Intellectual Property Organization.

**Anatole Krattiger** is a Founding Partner of Prisma Innovations LLC, Geneva, Switzerland and an adjunct professor at Cornell University. He was Director of the Global Challenges Division at the World Intellectual Property Organization (WIPO), where he worked at the intersection of intellectual property policy and management, leading a multidisciplinary team that developed. He also managed two multi-stakeholder platforms in global health (WIPO Re:Search) and on green technologies (WIPO GREEN), both leveraging intellectual property for technology transfer and international development. Before joining WIPO in 2010, he served as Executive to the Humanitarian Board for Golden Rice, published over 130 monographs and chapters, edited several books, and was editor-in-chief of the *IP Handbook of Best Practices* (www.ipHandbook.org). He started his career as a farmer and agronomist in Switzerland and earned a Master’s degree in genetics and a PhD in biotechnology, both from the University of Cambridge. He worked at one of the CGIAR centers, CIMMYT, in Mexico on food security, and worked with a colleague on the creation of ISAAA in 1991 (which he led as Executive Director until 2000), a nonprofit international broker of ag-biotech applications for developing countries with programs in a dozen countries in Africa, Asia, and the Americas.

**Melissa Levine** is the lead copyright officer and director of the University of Michigan Library Copyright Office. Her research centers on culture, law, and policy in cultural institutions, higher education, scholarly communication, and publishing. She provides support to the HathiTrust Digital Library on copyright and related matters. She has worked at the Smithsonian Institution, the Library of Congress, and the World Bank Art
Program. She is an adjunct professor at the University of Michigan School of Information and the Johns Hopkins University Master of Arts in Museum Studies program. She earned her JD from the University of Miami School of Law and her BA in art history from Emory University.

Delphine Marie-Vivien is Researcher in Law at the Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD). Since 2012 she has been based in Vietnam. From 2005 to 2008 she was a visiting researcher at the National Law School, Bangalore. She has written extensively on comparative aspects of geographical indications (GIs) between EU and Asian countries, the issue of the public–private governance of GIs, the link to the origin for handicraft goods, the certification mechanism, and the use of GIs to protect biodiversity. Her current research focuses on comparing GIs with other food standards and safety regulations. Her recent publications include The Protection of Geographical Indications in India: A New Perspective on the French and European Experience (2015).

David J. Maurrasse is the founder and president of Marga Incorporated, a consulting firm founded in 2000 providing strategic advice and research to philanthropic initiatives and community partnerships. Since 2000, he has been affiliated with Columbia University, where he currently serves as an adjunct associate professor and adjunct research scholar. He was an assistant professor at Yale University and a senior program advisor at the Rockefeller Foundation. He has published numerous books, including Strategic Public Private Partnerships: Innovation and Development (2013); Listening to Harlem (2006); A Future for Everyone: Innovative Social Responsibility and Community Partnerships (2004); Beyond the Campus: How Colleges and Universities Form Partnerships with Their Communities (2001); and Philanthropy and Society (2018).

Ayşem Mert is an associate senior lecturer at the Department of Political Science, Stockholm University, Adjunct Faculty at the VU University Amsterdam, and a research fellow at the Earth System Governance Research Programme. Her research focuses on discourses of democracy and environment at transnational and global levels, political storytelling, and public–private cooperation/partnerships, using mixed and/or interpretive methods (particularly poststructuralist discourse theory and ecocriticism). She is the author of Environmental Governance through Partnerships: A Discourse Theoretical Study and coeditor of Public–Private Partnerships for Sustainable Development: Emergence, Influence and Legitimacy, and has published articles in Environmental Values, Journal of Environmental Policy and Planning, and Global Policy.

Chidi Oguamanam is a professor of law at University of Ottawa, Canada, a cofounder of the Open African Innovation Research (Open AIR) and the initiator of the ABS Canada project. His research engages the dynamics of knowledge transformations and intersections with focus on traditional knowledge, Western science, the intellectual property system, and the innovation landscape within the framework of global knowledge governance and development. He is affiliated with the Centre for Law, Technology and Society, the Centre for Environmental Law and Global Sustainability, and the Centre for Health Law, Policy and Ethics at the University of Ottawa. Widely published in law and interdisciplinary platforms, he is the author of International Law Indigenous Knowledge: Intellectual Property, Plant Biodiversity and Traditional Medicine (2010) and Intellectual Property in Global Governance (2012). He is a coeditor of Innovation and Intellectual
Philipp Pattberg is Professor of Transnational Environmental Governance and Policy and Head of the Department of Environmental Policy Analysis, Institute for Environmental Studies (IVM), VU Amsterdam. He specializes in the study of global environmental politics, with a focus on private transnational governance, multi-stakeholder partnerships, network theory, and institutional analysis. His work has been published in Annual Review of Environment and Resources, European Journal of International Relations, Global Environmental Politics, Governance, and Science. He is coeditor of the Encyclopedia of Global Environmental Governance and Politics (2015).

Pedro Roffe is Senior Fellow at the International Centre for Trade and Sustainable Development. Mr. Roffe joined ICTSD with thirty years of experience with the United Nations Conference on Trade and Development (UNCTAD) where his work focused on international aspects of transfer of technology, intellectual property, and foreign direct investment. Most recently, his published contributions include: The ACTA and the Plurilateral Enforcement Agenda: Genesis and Aftermath; Protecting Traditional Knowledge: The WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore; and Current Alliances in International Intellectual Property Lawmaking: The Emergence and Impact of Mega-Regionals. Mr. Roffe graduated from the Faculty of Law of the Universidad de Chile with postgraduate studies at New York University, Europa Institute (University of Amsterdam), and the Graduate Institute of International Studies (Geneva).

Joshua D. Sarnoff is a professor of law at DePaul University College of Law, where he teaches patent law, advanced patent law, administrative law, law and climate change, and other courses. His scholarship focuses on the history and theory of patent law, environmental law, and innovation policy. From 2014 to 2015, he was a Thomas A. Edison Distinguished Scholar at the United States Patent and Trademark Office. He is a registered patent attorney. He is the editor of and a contributing author to the Research Handbook on Intellectual Property and Climate Change (2016).

Amy Starr obtained her Bachelor’s degree in public health and international studies from the University of Washington. She completed her Master of Public Health and Graduate Certificate in Health Informatics from the University of Michigan. Her graduate studies focused on health behavior, health education, and health communications. She has been an associate at a digital health company reviewing mobile health applications and devices through behavioral science and usability lenses.

Hilde Stevens holds the Fund Baillet Latour supported Chair in Translational Medicines at the Institute for Interdisciplinary Innovation in healthcare (I³h) and is Associate Professor at the Université libre de Bruxelles (ULB). Her research includes collaborative innovation models, intellectual property (IP), and mechanisms governing access to medicines for poverty-related and neglected (tropical) diseases. She focuses on the governance and performance of public–private partnerships (PPPs) and their added value in the acceleration of innovative therapy development. She is Educational Officer in
EUPATI BE, the Belgian Patient Platform, supported by EUPATI (European Patients’ Academy on Therapeutic Innovation). She holds a Master’s degree in biomedical science from Ghent University, Belgium, a Master’s degree in general management from Vlerick Business School, Belgium, a Master’s degree in intellectual property law from HUB-KUBrussel, Belgium, and a PhD in biomedical sciences from the University of Leuven, Belgium. She worked as a science consultant and was a patent engineer for several years.

Peter K. Yu is Professor of Law, Professor of Communication, and Director of the Center for Law and Intellectual Property at Texas A&M University. Before joining Texas A&M University, he held the Kern Family Chair in Intellectual Property Law and was the founding director of the Intellectual Property Law Center at Drake University Law School. He served as Wenlan Scholar Chair Professor at Zhongnan University of Economics and Law in Wuhan, China, and as a visiting professor of law at Hanken School of Economics, the University of Haifa, the University of Helsinki, the University of Hong Kong, and the University of Strasbourg.