

RYAN ABBOTT

UNIVERSITY OF SURREY, GUILDFORD
SURREY GU2 7XH UK • E-MAIL R.ABBOTT@SURREY.AC.UK

CURRENT EMPLOYMENT

2016–Present University of Surrey School of Law

Professor and Chair of Law and Health Sciences

- 2016–2018 Director of Research (Impact)
- 2016–2017 & 2018–2019 School of Law Researcher of the Year

2013–Present University of California Los Angeles (UCLA) David Geffen School of Medicine

Adjunct Assistant Professor

- 2013–2015 Visiting Assistant Professor
- Division of General Internal Medicine and Health Services Research (GIM/HSR)

EDUCATION

2011–2012 Santa Clara Valley Medical Center

Intern Physician

- Stanford-affiliated county hospital internal medicine program.
- Member: Quality Improvement and Ethics Committees.

2005–2011 University of California, San Diego (UCSD)

Doctor of Medicine, MD

- Recipient of the Weiss Medical Research Scholarship for research in Preventive Medicine (2010).

2007–2011 Yale Law School

Juris Doctor, JD

- Editor and Submissions Editor: Yale Journal of Law and Technology & Yale Journal of Health Policy, Law, and Ethics.
- Recipient of a Kirby Simon Fellowship for International Human Rights Work (2008).

2001–2005 Emperor's College

Master of Traditional Oriental Medicine, MTOM, Summa Cum Laude

2000–2005 University of California, Los Angeles

Bachelor of Science, BS, Summa Cum Laude

- Selected as one of six UCLA Seniors of the Year (2005)
- Recipient of the UCLA Alumni Association Distinguished Bruin Award Scholarship (2004) and the Michael C. Dunn, M.D. Memorial Scholarship (2004)
- Highest Departmental Honors and College Honors, Member Phi Beta Kappa (2005)

Summer 2002 Shanghai Jiao Tong University

Foreign Language Immersion Program (Mandarin Chinese)

MONOGRAPHS

Ryan Abbott, *THE REASONABLE ROBOT: ARTIFICIAL INTELLIGENCE AND THE LAW*, Cambridge University Press (Forthcoming 2020)

MAJOR LEGAL PUBLICATIONS

Abbott, Ryan and Alex Sarch, *Punishing Artificial Intelligence: Legal Fiction or Science Fiction*, UC Davis Law Review (Forthcoming 2019)

Ryan Abbott, *Artificial Intelligence, Big Data and Intellectual Property: Protecting Computer-Generated Works in the United Kingdom*, In RESEARCH HANDBOOK ON INTELLECTUAL PROPERTY AND DIGITAL TECHNOLOGIES (Tanya Aplin ed., Forthcoming 2019)

Ryan Abbott, *Artificial Intelligence and Intellectual Property*, WORLD INTELLECTUAL PROPERTY ORGANIZATION (Forthcoming).

Ryan Abbott, *Everything is Obvious*, 66 UCLA. L. REV. 2 (2019)

- Republication (modified): Ryan Abbott, *Inventive Algorithms and the Evolving Nature of Innovation*, In CAMBRIDGE HANDBOOK ON LAW AND ALGORITHMS: HUMAN RIGHTS, INTELLECTUAL PROPERTY, GOVERNMENT REGULATION (Woodrow Barfield ed., Forthcoming 2019)
- Republication (in three parts): Ryan Abbott, *How Inventive Machines Will Change the Ultimate Test of Patentability*, MITTEILUNGEN (Forthcoming 2019)
- Republication-in-part: Ryan Abbott, *Machines of Ordinary Skill in the Art: How Inventive Machines Will Change Obviousness*, 11 (5) LANDSLIDE 30–33, 63 (2019)
- Republication: Ryan Abbott, *Inside Views: Everything is Obvious*, INTELLECTUAL PROPERTY WATCH (March 25, 2019), <https://www.ip-watch.org/2019/03/25/everything-is-obvious/>

Ryan Abbott and Bret Bogenschneider, *Should Robots Pay Taxes? Tax Policy in the Age of Automation*, 12 HARV. L. & POL. REV. 145 (2018)

- Translation: Ryan Abbott and Bret Bogenschneider. *Should Robots Pay Taxes? Tax Policy in the Age of Automation*, 18 (2) ECONOMIC LAW REVIEW 239 (2018) (Chinese).

Ryan Abbott, *The Reasonable Computer: Disrupting the Paradigm of Tort Liability*, 86 GEO. WASH. L. REV. 1 (2018)

Ryan Abbott, *The Sentinel Initiative as a Cultural Commons*, In GOVERNING MEDICAL RESEARCH COMMONS, (Katherine Strandburg, Brett M. Frischmann and Michael J. Madison eds., 2017)

Ryan Abbott, *I Think, Therefore I Invent: Creative Computers and the Future of Patent Law*, 57 B.C. L. REV. 1079 (2016)

- Republished in part: Ryan Abbott, *Autonomous Machines and their Inventions*, MITTEILUNGEN 429-437 (2017)
- Republished in part: Ryan Abbott, *Patenting the Output of Autonomously Inventive Machines*, 10 (1) LANDSLIDE 16-22 (2017)

Ryan Abbott, *Hal the Inventor: Big Data and its Use by Artificial Intelligence*, In *BIG DATA IS NOT A MONOLITH*, (Cassidy R. Sugimoto, Hamid Ekbia and Michael Mattioli eds., 2016)

Ryan Abbott and Ian Ayres, *Evidence and Extrapolation: Mechanisms for Regulating Off-Label Uses of Drugs and Devices*, 64 *DUKE L.J.* 377 (2014)

- Republished in part: Ryan Abbott and Ian Ayres. *Can Bayesian Extrapolation Improve FDA Regulation of Off-Label Uses of Drugs and Devices?*, 4(5) *FDLI'S FOOD AND DRUG POLICY FORUM* 1-12 (2014)

Ryan Abbott, *Documenting Traditional Medical Knowledge*, *WORLD INTELLECTUAL PROPERTY ORGANIZATION* (2014)

Ryan Abbott, *Big Data and Pharmacovigilance: Using Healthcare Information Exchanges to Revolutionize Drug Safety*, 99 *IOWA L. REV.* 225 (2013)

- Republished in part: Ryan Abbott. *Post-Market Drug Regulation in the Age of Big Data: What Path to the Promised Land?*, 4 (10) *FDLI'S FOOD AND DRUG POLICY FORUM* 1-14 (2014)

Ryan Abbott, *Treating the Health Care Crisis: Complementary and Alternative Medicine for PPACA*, 14 *DEPAUL J. HEALTH CARE L.* 35 (2012)

PEER-REVIEWED PUBLICATIONS

Donald Chang, Harris Eyre, Ryan Abbott, et al., *Pharmacogenetic guidelines and decision support tools for depression treatment: application to late-life*, 19(16) *PHARMACOGENETICS* 1269-1284 (2018)

Ryan Abbott, Jeremy Lack and David Perkins, *Managing Disputes in the Life Sciences*, 36 *NATURE BIOTECHNOLOGY* 697 (2018)

Jacob Sherkow and Ryan Abbott, *Fortune and Hindsight: Gene Patents' Muted Effect on Medical Practice*, 124 *BRITISH MEDICAL BULLETIN* (2018)

Ryan Abbott and Donald D. Chang, Harris A. Eyre, et al, *Pharmacogenetic Decision Support Tools: A New Paradigm for Late-Life Depression?*, 26(2) *AM J GERIATR PSYCHIATRY* 125–133 (2018)

Ryan Abbott and David Smith, *The New Designer Drug Wave: A Clinical, Toxicological, and Legal Analysis*, 47(5) *J PSYCHOACTIVE DRUGS* 368-71 (2015)

Ryan Abbott, Ian Ayres, Ed Hui and Ka-Kit Hui. *Effect of Perineal Self-Acupressure on Constipation: A Randomized Controlled Trial*. 30(4) *J GEN INTERN MED.* 434-9 (2015)

Ibrahim Alabbadi, Ryan Abbott and Deema Jaber, *Jordanian Stakeholder Attitudes Toward Generic Substitution*, 11(1-2) *JOURNAL OF GENERIC MEDICINES* 24-34 (2014)

Ryan Abbott and Michael Cohen, *Medico-Legal Issues in Cardiology*, 21(5) *CARDIOL REV.* 222-8 (2013)

Ryan Abbott, Rania Bader, Lina Bajjali, et al., *The price of medicines in Jordan: the cost of trade-based intellectual property*, 9 *JOURNAL OF GENERIC MEDICINES* 75 (2012)

Ryan Abbott, Ka-Kit Hui, Ron Hays, Jess Mandel, Michael Goldstein, Babbi Winegarten, Dale Glaser and Laurence Brunton, *Medical Student Attitudes Toward Complementary,*

Alternative, and Integrative Medicine, Vol. 2011 EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE: ECAM Article ID 985243 (2009)

Ryan Abbott, Ka-Kit Hui, Ron Hays, Ming-Dong Li, Timothy Pan, *A Randomized Controlled Trial of Tai Chi for Tension Headaches*, 4(1) EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE 107-113 (2007)

BOOK CHAPTERS

Ryan Abbott, Helen Lavretsky, Donald Chang, and Harris Eyre, *The Roles of Tai Chi, Qi Gong, and Mind-Body Practices in the Treatment and Prevention of Psychiatric Disorders*, In COMPLEMENTARY AND INTEGRATIVE TREATMENTS IN PSYCHIATRIC PRACTICE (Patricia L. Gerbarg, Phillip R. Muskin, and Richard P. Brown, eds., 2018)

- Winner of Gold Medal Nautilus Book Award as the 2017 best book in the Psychology category.

Ryan Abbott and Helen Lavretsky, *The Use of Tai Chi and Qi Gong for Treatment and Prevention of Mental Disorders*, In INTEGRATIVE PSYCHIATRY, 36(1) PSYCHIATR CLIN NORTH AM 109-19 (Phillip R. Muskin, Patricia L. Gerbarg, and Richard P. Brown eds., 2013)

Michael Cohen, Susan Natbony, and Ryan Abbott. *Complementary and alternative medicine in child and adolescent psychiatry: legal considerations*, 22(3) CHILD ADOLESC PSYCHIATR CLIN N AM. 493-507 (2013)

SOLICITED ARTICLES

Epstein, Richard and Ryan Abbott, *FDA Involvement in Off-Label Use: Debate Between Richard Epstein and Ryan Abbott*, 44 SW. L. REV. 1 (2014)

Ryan Abbott and Carl Stevens, *Redefining Medical Necessity: A Consumer-Driven Solution to the U.S. Health Care Crisis*, 47 LOY. L.A. L. REV. 943 (2014)

Ryan Abbott, *Balancing Access and Innovation in India's Shifting IP Regime, Remarks*, 35 WHITTIER LAW REVIEW 341 (2014)

OTHERS

Harris A. Eyre, Andrew Robb, Ryan Abbott and Malcolm Hopwood, *Mental Health Innovation Diplomacy: An Underrecognised Soft Power*, 53(5) AUSTRALIAN AND NEW ZEALAND JOURNAL OF PSYCHIATRY (ANZJP) (2019) [Commentary]

Ryan Abbott, *Inventive Machines: Rethinking Invention and Patentability*, In INTELLECTUAL PROPERTY AND DIGITAL TRADE IN THE AGE OF ARTIFICIAL INTELLIGENCE AND BIG DATA 113–119 (Xavier Seuba, Christophe Geiger and Julien Penin eds., 2018) [Published remarks]

Helen Lavretsky and Ryan Abbott, *Invited Perspective: Community-Based Acupunch Exercise Program Improves Health and Quality of Sleep in Taiwanese Older Adults*, 26(5) AMERICAN J. GERIATRIC PSYCHIATRY 521–522 (2018) [Commentary]

Harris A Eyre et al., *The Future of Psychiatry Commission*, 5(1) THE LANCET PSYCHIATRY 13. [Letter to the Editor] (2018)

- Ryan Abbott, *Book Review: FDA in the Twenty-First Century: The Challenges of Regulating Drugs and New Technologies*, JOURNAL OF LAW AND THE BIOSCIENCES 1–5 (2015)
- Ryan Abbott and Ka-Kit Hui, *Perineal Self-Acupressure’s Mechanism of Action*. 30(4) J GEN INTERN MED. 399 (2015) [Letter to the Editor]
- Ryan Abbott, *Overcoming Barriers to a Global Treaty on Medical Funding and R&D*, (7) JOURNAL OF THE BRAZILIAN INSTITUTE FOR INTELLECTUAL PROPERTY 70-76 (2012)
- Frederick Abbott, Ryan Abbott, Wilbert Bannenberg and Marianne Schürmann, *Regional Assessment of Patent and Related Issues and Access to Medicines: Caricom Member States and the Dominican Republic* (HERA), 1 HEALTH RESEARCH FOR ACTION FINAL REPORT- MAIN REPORT (2009)
- Ryan Abbott and Wilbert Bannenberg, *Regional Assessment of Patent and Related Issues and Access to Medicines: Caricom Member States and the Dominican Republic*, Final Report: Volume II - Country Studies HEALTH RESEARCH FOR ACTION (2009)
- Ryan Abbott, *The Beijing Declaration: A Landmark for Traditional Medicine*, 13 (1) ICTSD-BRIDGES (2009)
- Ryan Abbott and Weijun Zhang, *Meeting Report for the UCLA Center for East West Medicine 2006 Annual Conference: Integration of Traditional Chinese Medicine and Western Medicine—Research and Clinical Applications* 13 CHIN J INTEGR MED. 74-75 (2007)

PRACTICE AND PAST EMPLOYMENT

2018–Present JAMS International
Mediator and Arbitrator

2016–Present Brown, Neri, Smith & Khan, LLP
Partner

2013–2016 One LLP
Of Counsel

2012–2016 Southwestern Law School
Associate Professor

- Teaching Subjects: Torts, Health Care Regulations and Practices, Patent Law, and Comparative Sexual Orientation Law.
- 2012–2014: Co-Director of the Summer Law Program in Vancouver at University of British Columbia.

2009–2012 World Intellectual Property Organization (WIPO)
Consultant

2010 Medicines Transparency Alliance (MeTA)
Consultant

2008–2010 World Health Organization (WHO)
Consultant

2006–2010 UCLA Center for East-West Medicine
Consultant

2009 Health Research For Action (HERA)
Consultant

2009 Summer Dewey & LeBoeuf LLP
Summer Associate

2008 Summer World Health Organization (WHO)
Intern, Department of Technical Cooperation for Essential Drugs and Traditional Medicine

OTHER ACTIVITIES

2019–Present American Bar Association (ABA) IP Section Landslide Magazine
Editor

2019–Present International Law Association
Member

2018–2019 European Commission Expert Working Group on New Tech Formation
Expert

2017–2020 Arts & Humanities Research Council (AHRC) Peer Review College
Academic College Reviewer

2014–2016 Judge Paul R. Michel Intellectual Property American Inn of Court
Member

2013–2016 Valley Community Healthcare
Board of Governors

- Member of the Medical Affairs Committee

LICENSURE AND CERTIFICATION

2018–Present Fellow, The Chartered Institute of Arbitrators (FCIArb)

- Member Number: 39967

2018–Present Accredited Mediator, Centre for Effective Dispute Resolution (CEDR)

2017–Present Senior Fellow of the Higher Education Academy (SFHEA)

- Reference: PR140105

2017–Present Solicitor in England and Wales (non-practicing)

- Solicitors Regulation Authority ID: 641240

2014–Present Diplomat

- American Board of Legal Medicine (ABLM): 61114-838

2012–Present Physician and Surgeon

- California License Number: A122515

2012–Present Attorney (Esq.)

- California Bar Registration Number: 281641
- New York Bar Registration Number: 5053673

2011–Present Patent Attorney

- United States Patent and Trademark Office (USPTO) Registration Number: 68178
- 2005–Present Licensed Acupuncturist (L.Ac.)
- California License Number: 10803 (inactive)

SELECT PRESENTATIONS

2019

Israel Patent Office, Israel Innovation Authority, WIPO

Panelist & Speaker: International Conference on Emerging Technologies and Intellectual Property—Connecting the Bits

- Panelist: Applications of AI—New Business and IP Strategies
- Panelist: The Implications of AI on IPO’s—Substantial and Administrative Dimensions
- Speaker: AI & IP

Association of British Chinese Professors (ABCP) Annual Conference

Speaker: Invention, Innovation and IP

- Computer-Generated Inventions

UK IPO, WIPO

Speaker: AI: Decoding IP, Exploring the Commercial, Economic and Legal Implications

- AI & IP—Disrupting the Established

WIPO Second Intellectual Property Researchers Europe (IPRE) Seminar

Speaker

- From Augmenting to Automating

MIT

EmTech Next Conference

- Should we tax robots? A debate.

MoHo Talks

Speaker: The MoHo D-Day Summit

- Advances in AI will free us—to starve?

EUIPO

Panelist: IP Mediation Conference

- The Future of Online Mediation—AI Mediators and AI Evaluative Tools

University of Surrey

Chair: Surrey Workshop on Regulation of Artificial Intelligence

- <https://sites.google.com/view/surrey-ai-workshop/home/conference-program>

WIPO

Panelist: WIPO-WTO IP Advanced Course

- Roundtable discussion on AI, IP and economic development

WTO

Lecturer: “IP & Trade Policy Today” Seminar Series

- Artificial Intelligence and the Future of Intellectual Property and International Trade

Florida State University (FSU) School of Law

Speaker: 8th International IP Roundtable

- Everything is Obvious

2018

IBC Leal

Speaker: Standards and Patents—12th Annual Conference

- Inventive Machines and the Evolving Law of Innovation

INTERPAT

Speaker

- Inventive Machines and the Evolving Law of Innovation

Novartis

Speaker

- Inventive Machines and the Evolving Law of Innovation

American Chemical Society

Speaker

- Inventive Machines and Innovation in the Chemical Arts

BenevolentAI

Speaker

- Inventive Machines and the Evolving Law of Innovation

Intellectual Property Researchers Europe Seminar

Speaker

- Inventive Machine and the Evolving Law of Innovation

3rd International Convention on The Economy of Innovation, AIPPI

Panelist: Traditional Medicine—The Influence of IP on Commercial Use and Economic Aspects

University of Surrey

Chair: Surrey Workshop on Regulation of Artificial Intelligence

- <https://surreycentreip.org/surrey-workshop-on-the-regulation-of-ai/>

Oxford Faculty of Law

Speaker: Business Law Workshop

- Inventive Machines and the Evolving Nature of Innovation

Office of Intellectual Property of the Ministry of Economy, Institute of IP Luxembourg

Presenter: 11th Annual Luxembourg Intellectual Property Day

- Artificial Intelligence and Intellectual Property Challenges

Stanford Law School

Presenter: We Robot Conference

- Everything is Obvious
- Should Robots Pay Taxes? Tax Policy in the Age of Automation

King's Transnational Law Summit

Moderator: A World of Risk: Health, Technology & The Human Life

Panelist: Us & Them: Living with Robots

University of Surrey

Chair: Surrey Workshop on the Regulation of AI

Center for the Protection of Intellectual Property, George Mason University, Antonin Scalia Law School, Virginia

Speaker: Panel 4, A Different Perspective on Big Data

University of San Diego

Presenter: PatCon 8: The Annual Patent Conference

- Everything is Obvious

King's College London

Guest Lecturer: Transnational Property

- Transnational Intellectual Property

ICEVOX

Presenter: Cybercrime and Security

- Bitcoin and the Power of Decentralized Prediction Markets

WIPO/Rospatent/Skolkovo

Panelist: International Conference on Intellectual Property in the New Technological Order

- International Protections for Computer-Generated Works

2017

IBC Leal

Moderator and Panelist: Standards, Patents and Competition Conference

- Future of Patenting for AI Created Innovations

CEIPI/WIPO/INPI

Lecturer: Advanced Course on Intellectual Property, Technology Transfer and Licensing

- Intellectual Property Management in Traditional Medical Knowledge

Leeds School of Law

Round Table Participant: Personalized Medicine and the Law

CEIPI/BETA/I3PM Conference

Speaker: Intellectual Property and Digitalization: Challenges for Intellectual Property Management

- Creative Computers and the Future of Patent Law (<http://www.canalc2.tv/video/14523>)

Florida State University

Law 7930: Global Health and Pharmaceutical Regulation

- Global Regulation of Off-Label Drug Use and Traditional Medicine

Czech Parliament Committee on Health

Roundtable Presenter

- U.S. Regulation and Legislation on Traditional Chinese Medicine

King's College London

Guest Lecturer: Transnational Property

- Transnational Intellectual Property

2016

American Bar Association (ABA) University IP Committee

Speaker

- Computational Invention and Patentability

Keck Graduate Institute

Speaker: Industrial Strength Bio Seminar Series (ISBSS)

- Artificial Intelligence in the Biotech Research Enterprise

2015

DePaul University College of Law

Speaker: Intellectual Property Scholars Conference

- Hal the Innovator: Computational Invention and its Patentability Implications

2014

UCLA School of Medicine

Surgery Grand Rounds

- California's Malpractice System: Fair or Failed?

NYU Law School

Speaker: LASC Thematic Knowledge Commons Conference at NYU

- The Sentinel Initiative as a Cultural Commons

NYU Law School

Roundtable Participant: NYU Workshop on Medical User Innovation and Medical Commons

- The Sentinel Initiative as a Cultural Commons

UCLA School of Medicine

Speaker

- Herbal Medicine Symposium and Roundtable Discussion

Department of Industrial Policy and Promotion of the Ministry

Speaker of Commerce, Government of India (Web-Based Symposium)

- Traditional Knowledge Deliberations at World Intellectual Property Organization

Southwestern Law School

Moderator

- The Last Word on the Patient Protection and Affordable Care Act

UCLA School of Medicine

Academic Research Series

- Evidence and Extrapolation: Mechanisms for Regulating Off-Label Uses of Drugs and Devices

UCLA School of Medicine

Lecturer in Medicine 207.01: Integrative East-West Medicine

- Health Policies Affecting Integrative Medicine

Southwestern Law School

Moderator

- Health Law Panel on the Medical Injury Compensation Reform Act

Stanford Law School

Lecturer in Law and Biosciences Workshop (Law 654).

- Evidence and Extrapolation: Mechanisms for Regulating Off-Label Uses of Drugs and Devices.

Southwestern Law School

Debate with Richard Epstein

- FDA Involvement in Off-Label Drug Use

2013

Widener Law School

Presenter in Symposium: The Global Medicine Challenge

- India's Shifting IP Regime: Balancing Access and Innovation

UCLA School of Medicine

Lecturer SL608: Health Policy: What Every Physician Needs to Know

- The Affordable Care Act and the Regulatory Process
- Medical Malpractice Tort Reform

Quinnipiac Law School

Lecturer Faculty Development Presentation

- Hot Issues in Intellectual Property and Public Health

Arizona State University College of Law

Participant in ASU Legal Scholars Conference

UCLA School of Medicine

Annual Conference for Integrative Medicine at UCLA.

- Panelist: Research & Healthcare Policy: Driving IM Forward

UCLA School of Medicine

Lecturer (Corsera Online) ME644D: Integrative East-West Medicine

- Health Policies Affecting Integrative Medicine

UCLA School of Medicine

Lecturer in Medicine 207.01: Integrative East-West Medicine

- Health Policies Affecting Integrative Medicine

2012

Intelectual do Instituto de Direito PUC-RIO (Rio de Janeiro, Brazil)

Seminar (October 3–5)

- Hot Issues in Intellectual Property and Public Health

UCLA School of Medicine

Lecturer in Medicine 180: Integrative East-West Medicine

- Healthcare Policy and Integrative Medicine

2011

Widener Law School

Speaker

- Traditional Solutions to Modern Problems: Complementary and Alternative Medicine and the American Health Care Crisis

2010

UCLA School of Medicine

Speaker

- Impact of Intellectual Property on Access to Medicines and Traditional Knowledge

SELECT MEDIA COVERAGE

2019

Lord Kitchin, *Justice of the Supreme Court's keynote Speech at UKIPO-WIPO Conference*, (June 18, 2019) <https://www.supremecourt.uk/docs/speech-190618.pdf>

Ed Cronan, *AI: Decoding IP-WIPO Conference 2019 (Part One)* (2019) <http://cronan.co.uk/ai-decoding-ip/>

Tom Davenport, *Advancing the Debate on Taxing Robots (June 13, 2019)*

<https://www.forbes.com/sites/tomdavenport/2019/06/13/advancing-the-debate-on-taxing-robots/#5c35ecb325a4>

MIT Technology Review, *Should We Tax Robots? A Debate (June 12, 2019)*

<https://www.technologyreview.com/f/613693/should-we-tax-robots-a-debate/>

BBC Radio 3, *Is the Law Keeping up with our Changing world?* (June 5, 2019)

<https://www.bbc.co.uk/programmes/m0005nqx>

BBC World Service News, *Is It Time to Tax Robots?* (June 4, 2019)

<https://www.bbc.co.uk/programmes/w3csy7d6>

Eduardo Porter, *Don't Fight the Robots. Tax Them*, N.Y. TIMES, February 23, 2019

2018

Artificial Intelligence Collides with Patent Law, World Economic Forum White Paper, April 2018,

http://www3.weforum.org/docs/WEF_48540_WP_End_of_Innovation_Protecting_Patent_Law.pdf

Bitcoin, Cryptocurrency, Decentralized prediction markets and the relationship between Bitcoin and the gaming industry (ICE TV Feb. 8, 2018) https://youtu.be/_xVX7EoTM8.

We Robot Comments on Ryan Abbot's Everything is Obvious (Written Description, Apr. 27, 2018)

<https://writtendescription.blogspot.com/2018/04/we-robot-comments-on-ryan-abbots.html>

2017

Insight: Bitcoin and Blockchain (TRT World Apr. 28, 2017) <https://youtu.be/7yv08ZIIIbK>.

Rise of the Robots: Part I (TRT World Feb. 17, 2017) <https://youtu.be/1JlqhuQwOE8>.

Rise of the Robots: Part II (TRT World Feb. 17, 2017) <https://youtu.be/775BEDJu7Cw>.

Senay Boztas, *Automated holidays: how AI is affecting the travel industry*, THE GUARDIAN, February 17, 2017.

Robots, Makt Myrkranna, BBC, Free Thinking Radio 3 (Feb. 8, 2017)

<http://www.bbc.co.uk/programmes/b08chbpc> (Audio).

AI as Inventors, 2 (4) THE ROBOTICS LAW JOURNAL 10, (2017).

Peter Rejcek, *When Intelligent Machines Cause Accidents, Who Is Legally Responsible?*

SINGULARITY HUB (Jan. 30, 2017), <https://singularityhub.com/2017/01/30/when-intelligent-machines-cause-accidents-who-is-legally-responsible/>.

Lance Farrell, *Can a computer be an inventor?* SCIENCE NODE (Oct. 19, 2017)

<https://sciencenode.org/feature/can-a-computer-be-an-inventor.php>.

Tracy Staedter, *A.I. Computers Should Be Named as Inventors on Patents*, SEEKER (Oct. 20, 2017) <http://www.seeker.com/a-i-computers-named-inventors-patents-2056008851.html>.
Computer Moet Zelf Patent Kunnen Aanvragen, BNR RADIO Audio (Oct. 19, 2017) <http://www.bnr.nl/radio/wetenschap-vandaag/10312211/computer-moet-zelf-patent-kunnen-aanvragen>.
Graeme Burton, *Computers Should be Named on patents as ‘inventors’, argues law professor*, THE INQUIRER (Oct. 17, 2017) <http://www.theinquirer.net/inquirer/news/2474315/computers-should-be-named-on-patents-as-inventors-argues-law-professor>.

2016

Peter Rejcek, *When the Mother of Invention Is a Machine, Who Gets Credit?* SINGULARITY HUB (Nov. 3, 2016) <https://singularityhub.com/2016/11/03/when-the-mother-of-invention-is-a-machine-who-gets-credit/>.
AI should be able to register its own patents, law prof argues, THE REGISTER (Oct. 17, 2016) http://www.theregister.co.uk/2016/10/17/ai_computers_to_register_their_own_patents/.
Mark Prigg, *AI's should be allowed to patent their inventions: Researchers say human are taking too much credit for computer creations*, DAILYMAIL.COM (Oct. 17, 2016) <http://www.dailymail.co.uk/sciencetech/article-3845276/AI-s-allowed-patent-inventions-Researchers-say-human-taking-credit-computer-inventions.html#ixzz4YOcotzcX>.
State Lawsuits Against Opioid Manufacturers BLOOMBERG LAW Audio (Oct. 10, 2016)
Scott Graham, *Up, Up and Away, Google Gets Sued Over Trade Secrets*, LAW.COM (June 14, 2016)
Scott Graham, *The AI Conundrum. Intellectual Property*. Spring 2016. [This article also appeared online at law.com].
Episode 24. *The Week in Health Law* (Audio). TWIHL.COM.
Dom Galeon, *Expert: When an AI Invents Something, It Should be Credited as the Inventor. One lawyer is petitioning to change a fundamental policy*, FUTURISM (Nov. 8, 2016) <https://futurism.com/expert-when-an-ai-invents-something-it-should-be-credited-as-the-inventor>
Computers should be named on patents as inventors, for creativity to flourish, SCIENCEDAILY.COM (October 17, 2016)

2015

Measles Outbreak: Expert Weighs in on Vaccine Debate, ABC7 (Feb. 4, 2015) <http://abc7.com/health/measles-outbreak-expert-weighs-in-on-vaccine-debate/504275/>.
The Debate Over Measles Vaccinations (Audio) BLOOMBERG LAW (Feb. 6, 2015) <https://itunes.apple.com/podcast/bloomberg-law/id277975394?mt=2>.
Researchers propose new regulations for off-label uses of drugs and devices, MEDICALXPRESS, <http://medicalxpress.com/news/2015-01-off-label-drugs-devices.html>.
UCLA, Yale professors propose new regulations for off-label uses of drugs and devices, HEALTHCANAL, <http://www.healthcanal.com/public-health-safety/59096-ucla-yale-professors-propose-new-regulations-for-off-label-uses-of-drugs-and-devices.htm>

2014

- Langford, James, *Hobby Lobby Case Tempts Firms to Find Religion, Law Professors Say*, LAW DRAGON (July 6, 2014) <http://campus.lawdragon.com/2014/07/06/hobby-lobby-case-tempts-firms-to-find-religion-law-professors-say/>
- STANFORD LAW SCHOOL CENTER FOR LAW AND BIOSCIENCES,
https://talks.stanford.edu/video/law/clb/podcast/clb_Mini-Podcast_RyanAbbott.mp3.
- FDA Involvement in Off-Label Drug Use*, THE FEDERALIST SOCIETY, Event Video:
<http://www.fed-soc.org/publications/detail/fda-involvement-in-off-label-drug-use-event-video>.
- Lindsay Stafford Mader. *Will 'Obamacare' Affect Natural Healthcare in the United States?* 100 HERBALGRAM 86 (Nov 2013-Jan 2014)

2013

- Sarah Eddington, *An alternative method*, THE NEWS STAR. A GANNETT COMPANY (Aug. 11, 2013) <http://www.thenewsstar.com/article/20130811/NEWS01/308110053>.
- Paul Basken, *Supreme Court's Ruling on Gene Patents Opens New Avenues for University Research*, THE CHRONICLE OF HIGHER EDUCATION (Jun. 17, 2013)
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