

ANA SANTOS RUTSCHMAN

ACADEMIC APPOINTMENTS

Saint Louis University School of Law , Saint Louis, MO	2018-present
<i>Assistant Professor</i>	
Researcher: Center for Health Law Studies Center for International and Comparative Law	
Teaching: FDA Law and Policy; Emerging Health Technologies: Vaccines and the Law; Patent Law; Property; Climate Change (summer course)	
Service: Diversity, Equity & Inclusion Committee	2020-present
Admissions Committee	2019-2020
“1843” Scholarship Interviews	2018-present
DePaul University College of Law , Chicago, IL	2016-2018
<i>Jaharis Faculty Fellow</i> in Health Law and Intellectual Property	
Teaching: FDA Law and Policy; Patent Policy in the Health Industries	

EDUCATION

Duke Law School , Durham, NC	
<i>Science Juris Doctor</i>	2016
Duke Law School Tuition Award (2008-2016)	
Duke Bar Association Fellowship (2014)	
<i>Master of Laws</i>	2008
Duke Law School Tuition Scholarship	
Catholic University of Portugal , Law School	
<i>Master of Laws</i>	2006-2007
Full tuition scholarship	
<i>Law Degree</i>	2001-2006
Semester Abroad Scholarship (Duke Law School)	

OTHER EMPLOYMENT

World Health Organization , Consultant	2015-2016
Primary project: Ebola and Zika vaccine development	
Duke University , Co-Director of Global Healthcare Innovation Alliances	2014-2016
Duke University Sanford School of Public Policy , Innovation Fellow	2014-2016

Duke University, Research Associate at Global Brazil Lab 2014-2015

Duke Office of Licensing and Ventures, Intern 2014-2015
 Performed patent searches; advised on patentability issues

AWARDS AND RECOGNITION

Innovation, Business & Law Center Prize, University of Iowa (with Ruqaiijah Yearby) 2020
 Beaumont Research Award, Saint Louis University 2020
 Junior Faculty Non-Traditional Scholarly Works Award, Saint Louis University 2020
 Spark Microgrant Award, Saint Louis University (with Timothy Wiemken) 2020
 Vagts Roundtable Scholar on Transnational Law, American Society of International Law 2020
 Centre for Intellectual Property Policy & Management/Jean Monnet Centre for Excellence Visiting Research Fellowship (U.K) 2019
 Manzo Scholar in Patent Law 2019
 Health Law Scholar, American Society of Law, Medicine & Ethics 2018
 Wiet Life Sciences Law Scholar 2018
 Bio IP Scholar, American Society of Law, Medicine & Ethics 2017
 Duke Law School Bar Fellowship 2014
 European Commission/Foundation for Science & Technology Grant 2009-2013

SELECTED PUBLICATIONS

Book in Progress (under contract: Cambridge University Press, 2022)

VACCINES AS TECHNOLOGY: INNOVATION, BARRIERS AND THE PUBLIC INTEREST

Articles in Progress

Risk and Error at the FDA

The Exclusionary Clockwork: Mapping Structural Racism in the Intellectual Property Ecosystem (with Ruqaiijah Yearby)

Recipient of an Innovation, Business & Law Center Prize from the University of Iowa College of Law

A Fiscal Prescription for Vaccine Preparedness (with Mirit Eyal-Cohen)

Selected for presentation at the National Tax Organization's 113th Annual Conference on Taxation

Reviewed by David Elkins in Tax Prof Blog (Dec. 4, 2020)

Law Review Articles

Regulatory Malfunctions in the Drug Patent Ecosystem 70 EMORY LAW JOURNAL 347 (2020)

Selected through blind review for presentation at the Wiet Life Science Law Scholars Workshop.

The Vaccine Race in the 21st Century 61 ARIZONA LAW REVIEW 729 (2019) (lead article)

Selected through blind review by the American Society of Law, Medicine & Ethics for presentation at the 2018 Health Law Scholars Workshop.

IP Preparedness for Outbreak Diseases, 65 UCLA LAW REVIEW 1200 (2018)

Unsolicited response by Douglas Lichtman, *The Central Assumptions of Patent Law: A Response to Ana Santos Rutschman's IP Preparedness for Outbreak Diseases*, 65 UCLA L. REV 1268 (2018).

Selected through blind review by the American Society of Law, Medicine & Ethics for presentation at the 2017 Bio IP Workshop.

Selected as the feature article of the 2017 Fall UCLA Law Review Scholar Forum.

Essays, Shorter Pieces and Peer-Reviewed Work

Social Media Self-Regulation and the Rise of Vaccine Misinformation, __ UNIVERSITY OF PENNSYLVANIA JOURNAL OF LAW & INNOVATION __ (2021) (invited symposium)

Intellectual Property as a Socioeconomic Determinant of Health, __ VANDERBILT JOURNAL OF TRANSNATIONAL LAW (forthcoming, 2021)

Selected (by invitation) as the feature article at the Vagts Roundtable on Transnational Law at the American Society of International Law 2020 Annual Meeting.

The Need for the Tort Law Privilege of Necessity in Intellectual Property Law, UNIVERSITY OF CHICAGO LEGAL FORUM (forthcoming, 2021) (with Yaniv Heled and Liza Vertinsky) (symposium)

Development of Vaccines for Influenza Disease: Opportunity Costs of the COVID-19 Pandemic, VACCINE (2021) (with Timothy Wiemken) (peer-reviewed)

Regulatory Reactivity: FDA and the Response to COVID-19, FOOD AND DRUG LAW JOURNAL (forthcoming, 2021) (with Yaniv Heled and Liza Vertinsky) (peer-reviewed)

The COVID-19 Vaccine Race: Intellectual Property, Collaboration(s), Nationalism and Misinformation, 64 WASHINGTON UNIVERSITY JOURNAL OF LAW AND POLICY __ (2021) (invited symposium)

Selected for inclusion in the World Health Organization's database on "Global literature on coronavirus disease."

Is There a Cure for Vaccine Nationalism?, 120 CURRENT HISTORY 9 (2021) (invited)

A Machine Learning Primer for Infection Prevention and Control, AMERICAN JOURNAL OF INFECTION CONTROL (2020) (with Timothy Wiemken) (peer-reviewed)

The Problem with Relying on Profit-Driven Models to Produce Pandemic Drugs, 7 JOURNAL OF LAW AND THE BIOSCIENCES 1060 (2020) (with Yaniv Heled and Liza Vertinsky) (peer-reviewed)

The Reemergence of Vaccine Nationalism, GEORGETOWN JOURNAL OF INTERNATIONAL AFFAIRS ONLINE (Jul. 3, 2020)

The Intellectual Property of Vaccines: Takeaways from Recent Infectious Disease Outbreaks, 118 MICHIGAN LAW REVIEW ONLINE 170 (2020)

Surveillance of Pneumonia and Influenza Mortality: Thresholds Versus Anomaly Detection (with Timothy Wiemken, Samson Niemotka & Daniel Hoft), EMERGING INFECTIOUS DISEASES (2020) (peer-reviewed)

Portugal's Response to COVID-19, THE REGULATORY REVIEW (2020)

Selected by the Regulatory Review for inclusion in *Top Contributor Essays of 2020* (Dec. 28, 2020)

Vaccines and IP Preparedness in the Coronavirus Outbreak, NORTHWESTERN UNIVERSITY LAW REVIEW OF NOTE (May 18, 2020)

The Mosaic of Coronavirus Vaccine Development: An Illustration of Systemic Failures in Vaccine Innovation, COLUMBIA JOURNAL OF INTERNATIONAL AFFAIRS (Mar. 21, 2020)

Vaccine Hesitancy: Experimentalism as Regulatory Opportunity, BUSINESS, ENTREPRENEURSHIP & TAX LAW REVIEW (with Timothy Wiemken) (2020) (invited symposium)

Property and Intellectual Property in Vaccine Markets, TEXAS A&M PROPERTY LAW JOURNAL (2020) (invited symposium)

On the Judicialization of Health, 18 WASHINGTON UNIVERSITY GLOBAL STUDIES LAW REVIEW 559 (2019) (invited symposium)

From Venetian Glass to Contemporary Intellectual Property: Revisiting Tailored Patent Regimes, JOTWELL (Sept. 25, 2019)

Vaccine Licensure in the Public Interest: Lessons from the Development of the U.S. Army Zika Vaccine, 127 YALE LAW JOURNAL FORUM 651 (2018)

The Priority Review Voucher Program at the FDA: From Neglected Tropical Diseases to the 21st Century Cures Act, 26 ANNALS OF HEALTH LAW 71 (2017) (symposium)

Patent Venue Exceptionalism After TC Heartland v. Kraft, 25 U. MIAMI BUSINESS LAW REVIEW 29 (2017) (invited symposium)

Steps Towards an Alignment of Intellectual Property in South-South Exchanges: A Return to TRIPS, 43 DENVER JOURNAL OF INTERNATIONAL LAW AND POLICY 515 (2015) (symposium article)

Experimenting with Territoriality: Pan-European Music Licensing and the Persistence of Old Paradigms, 8 DUKE LAW & TECHNOLOGY REVIEW 1 (2009)

Book Chapters

The Informational Infrastructure of Vaccine Races, in INFORMATIONAL RIGHTS & INFORMATIONAL WRONGS, Maurizio Borghi & Roger Brownsword (Eds.) (forthcoming, 2021)

The Intellectual Property of COVID-19, in OUTSMARTING PANDEMICS, Elizabeth Kirley & Deborah Porter (Eds.) (forthcoming, 2021)

Ebola; Zika; Gravitational Waves; entries in GREAT EVENTS: 2000-16, Thomas Lewis (editor), Grey House Publishing (2017)

Intellectual Property; Drones; Electronic Frontier Foundation; entries in PRIVACY RIGHTS IN THE DIGITAL ERA, (ed. Christopher Anglim), Grey House Publishing (2016)

Intellectual Property and Human Rights: Northern and Southern perspectives, in NEW TECHNOLOGIES AND HUMAN RIGHTS: CHALLENGES TO REGULATION (eds. Cunha *et al.*), Ashgate (2013)

Other

Comments on the Preliminary Framework for Equitable Allocation of COVID-19 Vaccine, Submission to the National Academies of Science (Sept. 4, 2020) (with Julia Barnes-Weise, Robert Gatter and Timothy Wiemken).

Principal Drafter, *Comments to Notice of Intent to Grant of an Exclusive License of U.S. Government-Owned Patents on Zika Vaccine to Sanofi Pasteur* (with Julia Barnes-Weise), Submission to the United States Army Medical Research and Materiel Command (Mar. 6, 2017).

Commentary

Can Employers Require Workers to Take the COVID-19 Vaccine? 6 Questions Answered, The Conversation (Dec. 22, 2020)

Why Paying People to Get the Coronavirus Vaccine Won't Work, The Conversation (Dec. 11, 2020) (with Robert Gatter)

Why the Government Shouldn't Pay People to Get Vaccinated Against COVID-19, Bill of Health (Dec. 1, 2020)

Facebook's Latest Attempt to Address Vaccine Misinformation—And Why It's Not Enough, Health Affairs Blog (Nov. 5, 2020)

The Case for Face Shields: Improving the COVID-19 Public Health Policy Toolkit, Bill of Health (Sept. 3, 2020) (with Timothy Wiemken and Robert Gatter)

FDA is Departing from Long-Standing Procedures to Deal with Public Health Crises, and this May Foreshadow Problems for COVID-19 Vaccines, The Conversation (Aug. 27, 2020) (with Liza Vertinsky and Yaniv Heled)

Playing Tennis During a Pandemic: From Social Distancing to the Possibility of Mandatory Vaccination, Tennis Life Magazine (Jul. 17, 2020)

How 'Vaccine Nationalism' Could Block Vulnerable Populations' Access to COVID-19 Vaccines, The Conversation; republished by PBS News Hour and other news outlets; translated into Hungarian and republished by Coronavirus News Live (Jun. 17, 2020)

Stay-at-home Order Isn't Religiously Biased, Saint Louis Post-Dispatch op-ed (Jun. 4, 2020) (with Chad Flanders)

3D Printing: How an Emerging Technology May Help Fight a Pandemic, IPR Info (Finland) (May 25, 2020) (with Dinusha Mendis and Rosa Ballardini)

From Misinformation to Hidden Economic Agendas: The Coronavirus Lawsuit Against China, Duke FinReg Blog (May 7, 2020) (with Robert Gatter)

Lawsuits as Conduits for Misinformation During COVID-19, Bill of Health (Apr. 30, 2020) (with Robert Gatter)

Smoke Screens: An Initial Analysis of the Coronavirus Lawsuits in the United States against China and the World Health Organization, Protego Press (Apr. 22, 2020) (with Robert Gatter)

Require Court Orders for All Quarantines, Saint Louis Post-Dispatch op-ed (Mar. 15, 2020) (with Robert Gatter)

Mapping Misinformation in the Coronavirus Outbreak, Health Affairs Blog (Mar. 10, 2020) (listed number 2 on *Ten Most-Read Health Affairs Blog Posts of 2020* (Dec. 31, 2020))

3D Printing of Body Parts is Coming Fast – But Regulations Are Not Ready, The Conversation; republished by Houston Chronicle and other news outlets (Jan. 10, 2020) (with Dinusha Mendis)

Zuckerberg on Vaccines, or The Shortcomings of Our Responses to Vaccine Misinformation, Protego Press (Nov. 5, 2019)

Malicious Bots and Trolls Spread Vaccine Misinformation – Now Social Media Companies Are Fighting Back, The Conversation; republished by Chicago Tribune and other news outlets (Sept. 18, 2019).

At A Post-Gottlieb FDA, What Does The Future Hold For Public Health?, Health Affairs Blog (Mar. 22, 2019)

Will More Genetically Engineered Foods Be Approved Under The FDA's New Leadership?, The Conversation; republished by San Francisco Chronicle and other news outlets (Mar. 21, 2019)

Congress Takes First Steps Toward Regulating Artificial Intelligence, The Conversation; republished by Houston Chronicle and other news outlets (Oct. 19, 2018)

U.S. Health Care Companies Begin Exploring Blockchain Technologies, The Conversation; republished by Scientific American (Jul. 19, 2018). Translated into Japanese and published by Newsweek Japan (Nov. 15, 2018)

Stephen Hawking Warned About the Perils of Artificial Intelligence – Yet AI Gave Him a Voice, The Conversation; republished by Chicago Tribune, Houston Chronicle, and other news outlets (Mar. 15, 2018)

No Vaccines Before the Next Zika Outbreak?: A Case for IP Preparedness; guest post on PatentlyO (Oct. 9, 2017)

How Congress is Failing on Zika, The Conversation; republished by The Scientist, San Francisco Chronicle, and other news outlets (Sept. 18, 2016)

Ebola and the Accidental Consortia (with Julia Barnes-Weise), Huffington Post (Apr. 7, 2015)

SELECTED PRESENTATIONS

Invited Panelist, *Jaharis Symposium on Health Law and Intellectual Property*, DePaul University College of Law (Apr. 2021) (remote presentation)

Presenter, *ACS Constitutional Law Scholars Forum*, Texas A&M University School of Law & Barry Law Review, (Mar. 2021) (remote presentation)

- Co-Presenter, *Third Annual UCI Law/A. Lavar Taylor Tax Symposium*, UC Irvine School of Law (Feb. 2021) (remote presentation with Henry Ordower)
- Invited Panelist, *9th International Intellectual Property Roundtable* (Feb. 2021) (remote presentation)
- Invited Presenter, *2021 Journal of Law & Innovation Symposium*, University of Pennsylvania Carey Law School (Feb. 2021) (remote presentation)
- Invited Panelist, *New Zealand's National Security and Covid-19*, University of Otago Foreign Policy School, New Zealand (Feb. 2021) (remote presentation)
- Invited Panelist, *State of the Net Conference 2021*, Washington D.C. (Jan. 2021) (remote presentation)
- Invited Presenter, *The Color of COVID: COVID-19 Vaccines*, Institute for Healing Justice and Equity webinar, Saint Louis University (Dec. 2020) (remote presentation)
- Co-Presenter, *What Could Congress Do about the Pandemic by Dec. 18*, Emory University & Georgia State University (Dec. 2020) (remote presentation with Yaniv Heled and Liza Vertinsky)
- Invited Presenter, *Lee E. Teitelbaum Utah Law Review Symposium: The Law & Ethics of Medical Research*, University of Utah S.J. Quinney College of Law (Nov. 2020) (remote presentation)
- Invited Presenter, *Journal of Gender, Social Policy & the Law Symposium: Bias and the Implications of Algorithms, Facial Recognition, and Machine Learning Technologies*, American University Washington College of Law (Nov. 2020) (remote presentation)
- Co-Presenter, *Food and Drug Law Journal 2020 Symposium*, Food and Drug Law Institute, Washington DC (Nov. 2020) (remote presentation with Yaniv Heled and Liza Vertinsky)
- Co-Presenter, *University of Chicago Legal Forum Symposium: Law for the Next Pandemic*, University of Chicago Law School (Nov. 2020) (remote presentation with Yaniv Heled and Liza Vertinsky)
- Presenter, *Examining Institutional Structures: Race, Business, and the Law*, University of Iowa Innovation, Business, & Law Center (Oct. 2020) (remote presentation)
- Invited Presenter, *2020 Artificial Intelligence in Oncology Symposium*, Case Western Reserve University, Cleveland OH (Oct. 2020) (remote presentation)
- Invited Presenter, *2020 Health and Technology Law & Policy Conference*, Gonzaga University School of Law, Spokane WA (Oct. 2020) (remote presentation)
- Invited Panelist, *Finding Immunity: The Race for a COVID-19 Vaccine at SLU*, Saint Louis University (Sept. 2020)
- Commentator, *Health Law Scholars Workshop*, Saint Louis University of School of Law (Sept. 2020)

- Invited Speaker, *Intellectual Property Speaker Series*, George Washington University School of Law (Sept. 2020) (remote presentation)
- Invited Commentator, *Public Health: Regulation, Innovation and Preparation Research Roundtable*, Antonin Scalia Law School, George Mason University (Sept. 2020) (remote presentation)
- Presenter, *Conference on Global Public-Private Law Approaches to the COVID-19 Pandemic*, Singapore Management University (Sept. 2020) (remote presentation)
- Invited Presenter, *Indian Pharmaceuticals in a Post-COVID World*, Confederation of Indian Industries & Texas A&M School of Law, (Sept. 2020) (remote presentation)
- Invited Presenter, *IP and COVID-19 Conference*, Chinese University of Hong Kong (Jul. 2020) (remote presentation)
- Invited Presenter, *Vagts Roundtable on Transnational Law*, American Society for International Law's Annual Meeting (Jun. 2020) (remote presentation)
- Invited Presenter, *Seattle University Summer Faculty Workshop Series* (Jun. 2020) (remote presentation)
- Invited Panelist, *Technological Progress, COVID-19 and the Future of Globalization*, VIT University Law School, Chennai, India (Jun. 2020) (remote presentation)
- Invited Panelist, *Panel on Innovation During COVID-19: From Vaccines to Open-Source Ventilators to Homemade Masks*, NYU Law School Engelberg Center on Innovation Law and Policy & R Street Institute (May 2020) (remote presentation)
- Invited Panelist, *Panel on IP Protection and Access to Medical Technology in Health Emergencies.*, World Trade Institute, Bern, Switzerland (May 2020) (remote presentation)
- Invited Presenter, *First Mini-Conference on Coronavirus and Law*, University of Oklahoma College of Law (Apr. 2020) (remote presentation)
- Invited Presenter, *Cordell Institute Health & Information Policy Colloquium*, Washington University in Saint Louis (Mar. 2020)
- Invited Presenter, National Vaccine Advisory Board meeting, Washington DC (Feb. 2020)
- Invited Presenter, *Center for Law & the Biosciences Colloquium Series*, University of Utah S.J. Quinney College of Law (Jan. 2020)
- Invited Presenter, *InfoSoc Seminar Series*, University of Bournemouth, United Kingdom (Dec. 2019)
- Invited Presenter, *Perils and Promises of Artificial Intelligence in Healthcare and Business*, Saint Louis University Bander Center for Medical Business Ethics (forthcoming, Nov. 2019)
- Invited Presenter, *Law and the Biosciences Workshop*, Stanford Law School (Oct. 2019)

- Invited Presenter, *Texas A&M Property Law Journal Symposium*, Texas A&M University School of Law (Oct. 2019)
- Invited Presenter, *Innovation, Justice and Globalization*, Harvard Law School (Sept. 2019)
- Commentator, *Health Law Scholars Workshop*, Saint Louis University of School of Law (Sept. 2019)
- Panelist, *Intellectual Property Scholars Conference*, DePaul University College of Law (Aug. 2019)
- Presenter, *Lecture on Hot Topics in Pharma & Biotech Law*, Saint Louis University Madrid Campus (Jun. 2019)
- Invited Presenter, *Regulation and Innovation in The Biosciences Workshop*, University of Copenhagen, Center for Advanced Studies in Biomedical Innovation Law (June 2019)
- Panelist, *42th Annual Health Law Professors Conference*, Loyola University of Chicago School of Law (Jun. 2019)
- Invited Speaker, *Faculty Workshop*, University of Copenhagen School of Law, Center for Advanced Studies in Biomedical Innovation Law (Apr. 2019)
- Invited Presenter, *Changing Regulation of Pharmaceuticals: Issues in Pricing, Intellectual Property, Trade and Ethics Conference*, University of the Pacific School of Law (Apr. 2019)
- Panelist, *Bio Lawlapalloza*, Stanford Law School (Mar. 2019)
- Invited Speaker, *Vaccines and the Law*, Saint Louis University Health Law Association (Mar. 2019)
- Invited Panelist, *Jaharis Symposium on Health Law and Intellectual Property*, DePaul University College of Law (Mar. 2019)
- Invited Speaker, *Manzo Scholars in Patent Law Series*, DePaul University College of Law (Mar. 2019)
- Invited Speaker, Emory Law Faculty Colloquium (Feb. 2019)
- Invited Commentator, *Global Law Review Symposium*, Washington University School of Law (Feb. 2019)
- Presenter, *Junior Intellectual Property Scholars Association Workshop*, William & Mary Law School (Jan. 2019)
- Invited Speaker, *Public Health Conference*, Pontificia Universidad Javeriana of Bogotá, (Nov. 2018)
- Invited Presenter, *Intellectual Property Scholars Roundtable*, Texas A&M University School of Law (Oct. 2018)
- Presenter, *Health Law Scholars Workshop*, Saint Louis University of School of Law (Sept. 2018)

- Presenter, *Health and Social Justice Conference*, Saint Louis University (Sept. 2018)
- Panelist, *Wiet Life Sciences Law Scholars Conference*, Loyola University of Chicago School of Law (Sept. 2018)
- Panelist, *Intellectual Property Scholars Conference*, UC Berkeley School of Law (Aug. 2018)
- Presenter, *Junior Intellectual Property Scholars Association Workshop*, Northwestern University Pritzker School of Law (Jul. 2018)
- Invited Panelist, *2018 Life Sciences Conference*, American Bar Association Section of International Law, Copenhagen, Denmark (Jun. 2018)
- Panelist, *41th Annual Health Law Professors Conference*, Case Western Reserve University School of Law (Jun. 2018)
- Presenter, *Institute for Global Law and Policy 2018 Conference*, Harvard Law School (Jun. 2018)
- Invited Speaker, *Regulation and Innovation in The Biosciences Workshop*, Washington University in St. Louis School of Law (Apr. 2018)
- Panelist, *Bio Lawlapalloza*, Stanford Law School (Mar. 2018)
- Invited Panelist, *Jaharis Symposium on Health Law and Intellectual Property*, DePaul University College of Law (Feb. 2018)
- Presenter, *Junior Intellectual Property Scholars Association Workshop*, University of Oklahoma College of Law (Jan. 2018)
- Invited Speaker, *UCLA Law Review Scholar Forum*, UCLA Law School (Oct. 2017)
- Panelist, *Wiet Life Sciences Law Scholars Conference*, Loyola University of Chicago School of Law (Oct. 2017)
- Presenter, *University of Chicago Legal Scholarship Workshop*, University of Chicago Law School (Oct. 2017)
- Panelist, *Intellectual Property Scholars Conference*, Cardozo School of Law (Aug. 2017)
- Panelist, *40th Annual Health Law Professors Conference*, Georgia State University College of Law (Jun. 2017)
- Panelist, *National Business Law Scholars Conference*, University of Utah S.J. Quinney College of Law (Jun. 2017)
- Presenter, *Bio IP Workshop*, Loyola University of Chicago School of Law (May 2017)
- Invited Speaker, *Regulation and Innovation in The Biosciences Workshop*, University of Michigan Law School (Apr. 2017)
- Panelist, *Bio Lawlapalloza*, Stanford Law School (Apr. 2017)
- Presenter, *PatCon 7*, Northwestern School of Law (Apr. 2017)
- Guest Speaker (class), *Access to Medicines: Intellectual Property and Global Public Health*, Duke Law School (Feb. 2017)

- Invited Speaker, *WHO Consultation on Material Transfer Agreements*, Institut Pasteur, Paris, France (Dec. 2016)
- Panelist, *Law and Society Midwest Retreat*, Wisconsin University Law School (Nov. 2016)
- Panelist, *Annual Symposium on Health Law & Policy*, Loyola University Chicago School of Law (Oct. 2016)
- Speaker, *Regulating Innovation in Healthcare Symposium*, Nova Southeastern University (Oct. 2016)
- Invited Presenter, *Junior Health Law Scholar Workshop*, Loyola University Chicago School of Law (Sept. 2016)
- Panelist, *Intellectual Property Scholars Conference*, Stanford Law School (Aug. 2016)
- Panelist, *Association of University Technology Managers Annual Meeting*, Grand Hyatt San Diego (Feb. 2016)
- Invited Speaker, *Global Congress on Intellectual Property Rights and the Public Interest*, National Law University, New Delhi, India (Dec. 2015)
- Panelist, *Licensing Executives Society Annual Meeting*, Marriott Marquis, New York City (Oct. 2015)
- Panelist, *Reassessing International Economic Law and Development: New Challenges for Law and Policy*, Leonard B. Sutton Colloquium in International Law, Sturm College of Law, University of Denver (Nov. 2014)
- Panelist, *Poverty Law Conference*, American University Washington College of Law (Oct. 2013)
- Panelist, *Institute for Global Law and Policy 2013 Conference*, Harvard Law School (Jun. 2013)
- Speaker, *Intellectual Property for Creative Upstarts*, Michigan State University (Nov. 2012)
- Panelist, *Global Congress on Intellectual Property and the Public Interest*, American University Washington College of Law (Aug. 2011)
- Speaker, *7th Annual International Conference on Law*, ATINER, Athens, Greece (Jul. 2010)
- Panelist, *Beyond Law: At the Edges of Law's Ambit*, Osgoode Law School, Toronto, Canada (May 2010)
- Invited Speaker, *Human Rights and New Technologies: The Challenges of Regulation*, European University Institute, Florence, Italy (Dec. 2008)

CONFERENCE ORGANIZED

Misinformation/Disinformation and the Law, Center for International and Comparative Law Symposium, Saint Louis University School of Law (forthcoming, Feb. 2021)

Junior IP Scholars Association Workshop, Saint Louis University School of Law (Jan. 2020)

PEER REVIEW WORK

Yale Journal of Health Policy, Law and Ethics
 Science
 Health Affairs
 Oxford Journal of Law and the Biosciences
 Harvard Public Health Review
 Johns Hopkins Journal of Health Security
 Cambridge University Press
 Journal of Law, Property, and Society
 Blockchain in Healthcare Today

MEDIA

Quoted, *How Long Must Poorer Nations Wait for Access to Covid Vaccine?*, The Leaflet, Jan. 7, 2021

Quoted, *Cuomo Keeps Up Vaccine Pressure on Hospitals, Downplays Fines*, Bloomberg Law, Jan. 6, 2021

Quoted, BGR, *You'll Love This Brilliant Stimulus Check Idea That Would Get You an Extra \$400*, Dec. 24, 2020

Quoted, *Ian McKellen, Biden — and Trudeau? Experts Torn on When VIPs Should Get COVID-19 Shot*, Global News (Canada), Dec. 17, 2020

Interviewee, News on COVID-19 and vaccine, Telemundo, Dec. 15, 2020 (in Spanish)

Interviewee, Evening News, NBC-KSDK Saint Louis, Dec. 14, 2020

Interviewee, Afternoon News, ABC- KMBC Kansas City, Dec. 8, 2020

On-air interview, CBS New Radio, *In Depth*, Los Angeles, Dec. 7, 2020

Quoted, *Moderna, Pfizer Playing the Long Game With Novel Vaccine IP*, Law 360, Dec. 1, 2020

Quoted, *How Drug Companies Will Profit from Making COVID-19 Vaccines*, Quartz, Dec. 1, 2020

Quoted, *The COVID-19 Vaccine: China's Position*, El País (Spain), Nov. 30, 2020

Quoted, *Rush to approve COVID Vaccine Prompted by Politics May End in Disaster*, Chemistry World, Sept. 16, 2020

Quoted, *The United States Should Not Be Hoarding Its Coronavirus Research*, Jacobin Magazine, Aug. 9, 2020

Quoted, *Have China and Wealthy Countries Entered into a COVID-19 Vaccine War?*, Zing News (Vietnam), Aug. 9, 2020

Radio interview, *Who's First in Line for a COVID-19 Vaccine?*, Australian Broadcasting Company, Aug. 7, 2020

Quoted, *The Search for a COVID Vaccine Is Not an Arms Race*, In These Times, Aug. 3, 2020

Quoted, *The Global Risk of "Vaccine Nationalism,"* Vox, Jul. 27, 2020

- Quoted, *If There Is a Surplus of COVID Vaccines, Will Distribution Be Delayed in Developing Countries?*, Asahi Shimbun (Japan), Jul. 20, 2020
- Quoted, South China Morning Post, *The Life or Death Question: Who Gets the COVID-19 Vaccine?*, May 25, 2020
- Quoted, Saint Louis Post-Dispatch, *Missouri Attorney General Sues China Over Coronavirus Pandemic*, Apr. 21, 2020
- Guest Speaker, NY State Science & Technology Law Center Webcast, *Pandemics, Vaccines and IP*, Mar. 31, 2020
- Quoted, Washington Times, *Johnson & Johnson Says It Has 'Promising' Vaccine Candidate for Coronavirus*, Mar. 30, 2020
- Quoted, Saint Louis Post-Dispatch, *In One Week, Missouri Saw A 600% Jump in Coronavirus Cases — The Largest Increase in The Country*, Mar. 30, 2020
- Interviewee, Evening News, NBC-KSDK Saint Louis, Mar. 27, 2020
- Interviewee, Evening News, CBS-KMOV Saint Louis, Mar. 26, 2020
- On-air radio interview, KMOX Saint Louis, *The Charlie Brennan Show*, Mar. 17, 2020
- Quoted, Mercury News, *Coronavirus: The Global Race to Patent a Remedy*, Feb. 13, 2020
- Quoted, Vice, *Anti-Vaxxers Are Back on Instagram Thanks in Part to #MAGA*, Jan. 28 2020
- Quoted, Olhar Digital: Ciência e Espaço (Brazil), Jan. 24, 2020
- Guest, The Big Mouth Pharmacist Podcast, Oct. 25, 2019
- Quoted, Faktograf (Croatia), Oct. 7, 2019
- Guest, The Week in Health Law, Apr. 23, 2019
- Guest, Society 2.0 Podcast, Nov. 16, 2018
- Quoted, Columbia Chronicle, *House Bill Aims to Gouge the Gougers*, Mar. 3, 2018
- Host, Jaharis Podcast on Health and IP, 2017-2018
- Guest webcast speaker, NY State Science & Technology Law Center Webcast, *The IP of Ebola and Zika*, Apr. 26, 2017
- On-air interview, BYU Radio, *The Matt Townsend Show*, Sept. 29, 2016