

FIFTH JUNIOR FACULTY FORUM FOR LAW AND STEM

PARTICIPANT BIOGRAPHIES

YONATHAN ARBEL joined the University of Alabama in 2017. He earned his doctoral degree in law and economics at Harvard Law School, where he was both an Olin fellow and a Byse fellow. He holds a JSM degree from Stanford Law School, where he trained in socio-legal empirical analysis. Professor Arbel also earned a joint degree in Law and the Humanities (*summa cum laude*) from the Hebrew University in Jerusalem.

Before joining the faculty Professor Arbel was a Postdoctoral Fellow in Private Law at Harvard Law School and a Visiting Assistant Professor of Law at Villanova University. Professor Arbel served as a clerk at the Supreme Court of Israel and a research fellow at the Israeli Democracy Institute. He taught an undergraduate section on the economics of contract law at the Department of Economics at Harvard University and received four awards for distinction in teaching.

In 2010, Professor Arbel founded an international consultancy firm where he served as a managing partner until he sold his stake in 2017. As part of his roles, he designed complex agreements, drafted contracts, hired employees, and served as a consultant to governments, law firms, trade organizations, and the European Union.

Professor Arbel's scholarship appeared or is forthcoming in the *Washington University Law Review*, *Vanderbilt Law Review*, *Chicago Law Review Online*, *Southern California Law Review*, *Wake Forest Law Review*, *Alabama Law Review*, and the peer-reviewed *Journal of Empirical Legal Studies* and the *International Review of Law & Economics*. His work focuses on commercial, consumer, and private law; his methodology combines doctrinal, economic, and socio-legal analysis.

SHARON BELENZON is a professor in the [Strategy](#) area at the [Fuqua School of Business](#) of Duke University and a Research Associate at the [National Bureau of Economic Research](#) (NBER). His research investigates the role of business in

advancing science, and how firm organizational structure is linked to corporate strategy and economics outcomes. His research has been featured in top academic journals, such as Management Science, Strategic Management Journal, American Economic Review, Review of Economics and Statistics, Economic Journal, Research Policy and Journal of Law and Economics. Professor Belenzon received his PhD from the London School of Economics, and completed post-doctorate work at the University of Oxford, Nuffield College. He has also been the recipient of the Kauffman foundation post-doctorate fellowship at the NBER. He earned MA and BA degrees in Economics from Tel-Aviv University. Belenzon has been an Associate Editor for Management Science from January 2016 and for Strategic Management Journal from July 2016.

KENNETH L. CALVERT received the Bachelor of Science degree in Computer Science and Engineering from the [Massachusetts Institute of Technology](#) in 1979, the M.S. in Computer Science from [Stanford University](#) in 1980, and the Ph.D. from the [Department of Computer Sciences](#) at [The University of Texas at Austin](#) in 1991. From 1979 to 1984 he was a Member of Technical Staff at Bell Laboratories in Holmdel, New Jersey. From 1991 to 1998 he was a faculty member in the [College of Computing](#) at Georgia Tech. He joined the faculty of the University of Kentucky in 1998, and has been Department Chairman since 2007. He is a Fellow of the IEEE (2012). Calvert was born and raised in Kansas City, Missouri.

JEAN CAMP is a Professor at the School of Informatics and Computing at Indiana University. She is a Fellow of the Institute of Electrical and Electronic Engineers. She is a Fellow of the American Association for the Advancement of Science. She joined Indiana after eight years at Harvard's Kennedy School where her courses were also listed in Harvard Law, Harvard Business, and the Engineering Systems Division of MIT. She spent the year after earning her doctorate from Carnegie Mellon as a Senior Member of the Technical Staff at Sandia National Laboratories. She began her career as an engineer at Catawba Nuclear Station with a MSEE at University of North Carolina at Charlotte. Her research focuses on the intersection of human and technical trust, leveraging economic models and human-centered design to create safe, secure systems. Her early contributions in the interdisciplines of economics of security, user-centered security, risk communication, and online trust underlie her applied research in the domains of IoT, authentication, secure networking, ecrime, public policy, ethics in computer science, and a few works on applied cryptography. Full text and details on her publications can be found at their disciplinary homes, meaning that there is no complete overlap between [Research Gate](#), [DBLP](#), [SSRN](#), and [Google Scholar](#). Works sorted by domain and discipline are also available at <http://www.ljean.com/publications.php>.

NANCY CAMPBELL is the Department Head in the Department of Science and Technology Studies. She is a historian of science, technology, and medicine who focuses on legal and illegal drugs, drug science, policy, and treatment, harm reduction,

and gender and addiction. Her most recent book is *OD: Naloxone and the Politics of Overdose* (MIT Press, 2020).

“How have ideas about drugs and drug addiction changed over time? What do we know about drug addiction, and how do we know it? Why do we have the drug policies that we do?” said Campbell. “We consider some drugs to cause social problems, and others to solve them. Often we are talking about the same molecules—the differences lie in who uses them and how they do so. My research centers on scientific communities who make knowledge about drugs, and interactions between scientists, treatment providers, policymakers, patient advocates—and drug users themselves.”

Campbell also studies the ethics of human subjects research; social movements; and the fruitful convergence between neuroscience and addiction research. She has published two books on gender: *Gendering Addiction: The Politics of Drug Treatment in a Neurochemical World* with Elizabeth Ettorre (Palgrave, 2011) and her first book, *Using Women: Gender, Drug Policy, and Social Justice* (Routledge, 2000), which was about how drug-using women figured in drug policy discourse from the 1910s to the 1990s. Campbell and co-authors JP Olsen and Luke Walden published a visual history of the federal drug treatment hospital in Lexington, Kentucky, titled *The Narcotic Farm: The Rise and Fall of America’s First Prison for Drug Addicts* (Harry N. Abrams, Inc., 2008). Campbell also appeared in Olsen and Walden’s 2007 documentary, *The Narcotic Farm*, and she often speaks on radio shows about the relevance of this project to current drug treatment.

Campbell’s scholarly book on the history of the formative science conducted by the laboratory at The Narcotic Farm, which was called the Addiction Research Center and is now the intramural research program of the National Institute on Drug Abuse, is titled *Discovering Addiction: The Science and Politics of Substance Abuse Research* (University of Michigan Press, 2007).

With Joseph Spillane she created the Oral History of Substance Abuse Research Project, funded by the National Science Foundation, the College on Problems of Drug Dependence, and the University of Michigan Substance Abuse Research Center. In 2009 she received the Media Award from the College on Problems of Drug Dependence for her work on the history of the science of addiction research and treatment.

JONATHAN H. CHOI specializes in tax law, statutory interpretation, and computational analysis of law (applying natural language processing to study legal issues).

Professor Choi earned his B.A. from Dartmouth College, *summa cum laude*, with a triple major in Computer Science, Economics, and Philosophy, and a J.D. from the Yale Law School, where he was Executive *Bluebook* Editor of the *Yale Law Journal*. Before entering the academy, he practiced tax law at Wachtell, Lipton, Rosen & Katz.

JOHN A. (ALEX) ERWIN received his J.D. from the James E. Rogers College of Law at the University of Arizona. He graduated magna cum laude with a certificate in Environmental Law, Science, and Policy and was inducted into the Order of the Coif. During law school, he was the Articles Editor of the Arizona Journal of Environmental Law and Policy and held the Sol Resnick Water Resources Fellowship, Agnese Nelms Haury Social Justice Law Fellowship, and the Carson Scholars Institute of the Environment Fellowship.

Prior to joining the FIU Law faculty, Professor Erwin was the Visiting Assistant Professor in Environmental Law at the Elisabeth Haub School of Law at Pace University. At Pace, Professor Erwin taught Environmental Law, Conservation Law, and Science for Environmental Lawyers. Before that, Professor Erwin was a Teaching Fellow and Professor of Practice at the James E. Rogers College of Law at the University of Arizona.

Professor Erwin's background is in wildlife conservation and genetics. He first earned his B.S. in Biology and Biochemistry at Washington and Lee University, before earning a Ph.D. from the Graduate Interdisciplinary Department in Genetics at the University of Arizona. He has experience doing field work, wet lab genetics, and bioinformatics, and he has worked with everything from freshwater mussels to jaguars. For his dissertation, he employed genomic methods to answer practical conservation and wildlife management questions. His dissertation work explored the effects of sport hunting on mountain lion populations and aided the reintroduction of black-tailed prairie dogs back into Arizona.

Professor Erwin teaches and conducts research in the fields of environmental law and natural resources law. Combining his legal training with his background as a wildlife biologist, his research is situated at the intersection of environmental law, genetics, and conservation. His research to date has focused on three issues: (1) wildlife conservation and management, particularly through the lens of genetics and evolutionary biology; (2) genetic engineering and related biotechnological developments, specifically as they relate to conservation and environmental protection; and, more broadly, (3) the interplay of science, law, and policy. His publication record spans both peer-reviewed scientific journals and more traditional law reviews. His legal scholarship is published or forthcoming in the *Cornell Law Review*, the *Environmental Law Reporter*, and the *William and Mary Environmental Law & Policy Review*. His article, *Hybridizing Law: A Policy for Hybridization Under the Endangered Species Act*, was recognized with an Honorable Mention in the 2018 Environmental Law and Policy Annual Review (ELPAR) as one of the top environmental policy-relevant articles from 2016-2017.

LEAH R. FOWLER is a Research Assistant Professor and Research Director in the Health Law & Policy Institute. Her work explores topics at the intersection of consumer technology and health, focusing primarily on smartphone applications and platforms. Her scholarship is published or forthcoming in the *Stanford Law Review*, *Alabama Law Review*, *Notre Dame Law Review*, *American Journal of Law & Medicine*, *Pediatrics*, *Journal of Adolescent Health*, *Health Promotion Practice*, and the *American*

Journal of Bioethics, among others.

Prior to UH, Professor Fowler was the Health Policy Program Manager at Baylor College of Medicine's Center for Medical Ethics & Health Policy, where she maintains a designation as a Health Policy Scholar. Immediately after law school, she practiced law as a personal injury attorney.

JANET FREILICH writes and teaches in the areas of patent law, intellectual property, and civil procedure. She has published in *Science*, the *Virginia Law Review*, the *Iowa Law Review*, the *UC Irvine Law Review*, the *Indiana Law Journal*, and others. She has received the Fordham Law Dean's Distinguished Research Award, the Samsung-Stanford Patent Prize, the Irving Oberman Memorial Award in Intellectual Property, and the Cloud Based Research Computing Project Award.

Professor Freilich was a visiting scholar at Massachusetts Institute of Technology's Sloan School of Management. She was Harvard Law School's inaugural postdoctoral fellow in private law and intellectual property with the Program on the Foundations of Private Law. She graduated magna cum laude from Harvard Law School and summa cum laude from Cornell University with a bachelor's degree in molecular biology

PAUL A. GOWDER joined the Northwestern Law faculty in 2020. His research focuses on the rule of law, democratic theory, social and racial equality, institutional and organizational governance, law and technology, and classical Athenian law and political thought. He has taught a variety of classes including constitutional law, torts, critical race theory, professional responsibility, and introductory programming and statistics for law students. In his practice days, he was a civil rights and legal aid lawyer. In those contexts, he represented victims of police misconduct, predatory lending, employment discrimination, unlawful eviction, domestic violence, and numerous other injustices. His first book, *The Rule of Law in the Real World*, was published in 2016, and his second, *The Rule of Law in the United States: An Unfinished Project of Black Liberation*, was published in December 2021 and is available in free open-access electronic form at <https://rulelaw.us>. He is currently working on a book on internet platform governance.

KIMBERLY A. GRAY's areas of expertise are environmental catalysis and physicochemical processes in natural and engineered environmental systems with particular focus on energy and urban sustainability applications. She studies the synthesis, characterization and performance of photo-active materials, principally TiO₂-based nanocomposites for solar fuel production, resource recovery and water/air treatment. Work in her group also involves the investigation of chemical fate in natural systems. She probes the role of periphyton (algal biofilms) in contaminant accumulation in stream sediments and in denitrification in wetlands. She studies the ways in which detailed understanding of ecological relationships (periphyton structure, dynamic food web descriptions) improves our ability to predict chemical transfer (bioaccumulation) in aquatic systems and ultimately human health risks. Application of this research is

important in efforts to restore critical ecosystems (Great Lakes), to make ecological forecasts in the face of climate change and to employ ecosystem function for environmental protection (treatment wetlands). She is also studying the unintended ecotoxicological impacts of nanomaterial mixtures in aquatic systems and under light illumination. Recent work entails the adaptive and resilient design of urban systems to incorporate coupled ecological processes in response to climate change and demographic shifts.

She works closely with the Chicago Legal Clinic to provide technical expertise to solve environmental problems for low-income urban communities and with other NGO in the Chicago region to develop creative solutions for resource recovery and economic recovery. She was a Senior Science Fellow at the Environmental Law and Policy Center and is a faculty affiliate of the Buffett Center of Global Studies and the NU Law School. She is the author of over 130 scientific papers and lectures widely on energy, climate and environmental issues.

SHANE GREENSTEIN is the Martin Marshall Professor of Business Administration and co-chair of the HBS Digital Initiative. He teaches in the Technology, Operations and Management Unit. Professor Greenstein is also co-director of the program on the economics of digitization at The National Bureau of Economic Research.

Encompassing a wide array of questions about computing, communication, and Internet markets, Professor Greenstein's research extends from economic measurement and analysis to broader issues. His most recent book focuses on the development of the commercial Internet in the United States. He also publishes commentary on his blog, Digitopoly, and his work has been covered by media outlets ranging from *The New York Times* and *The Wall Street Journal* to *Fast Company* and *PC World*.

Professor Greenstein previously taught at the Kellogg School of Management, Northwestern University, and at the University of Illinois, Urbana/Champaign. He received his PhD from Stanford University in 1989 and his BA from University of California at Berkeley in 1983, both in economics. He continues to receive a daily education in life from his wife and children.

THOMAS HALEY joined the University of Virginia law faculty in 2020. He writes and teaches about the intersection of law and technology, particularly matters of privacy. His work has been published or is forthcoming in the *North Carolina Law Review*, *Washington Law Review* and the *Indiana Law Journal*, and his article "[Data Protection in Disarray](#)" was selected for the Junior Faculty Forum for Law and STEM at Stanford Law School.

Haley previously practiced law at Skadden, Arps, Slate, Meagher & Flom in New York and Palo Alto, as well as at Valle Makoff in Silicon Valley. He received his

undergraduate degree from Pomona College and his J.D. from the University of Chicago Law School.

KRISTIAN J. HAMMOND is the Bill and Cathy Osborn Professor of Computer Science at Northwestern University and the co-founder of the Artificial Intelligence company [Narrative Science](#), recently acquired by Salesforce. He is the faculty lead of Northwestern's [CS + X](#) initiative, exploring how computational thinking can be used to transform fields such as the law, medicine, education, and business. He is director of Northwestern's [Master of Science in Artificial Intelligence](#) (MSAI) and the Engineering lead on Northwestern's [Master of Business Administration and Artificial Intelligence](#) (MBAi) that partners Northwestern's Schools of Business (Kellogg) and Engineering (McCormick).

Most recently, he founded the *Center for Advancing Safety in Machine Intelligence* ([CASMI](#)), a research hub funded by Underwriter's Laboratories, focused on operationalizing the design and evaluation of AI systems from the perspective of their impact on human life.

Dr. Hammond's research is at the intersection of data analytics and human/machine communication. His vision is to bridge the gap between the data that serves us and the language we need to understand it. Kris believes in humanizing computers with the aim of stopping the process of mechanizing people.

BA (Philosophy), Yale University
PhD (Computer Science), Yale University.

MATTHEW KUGLER's primary research areas are privacy, intellectual property, and criminal procedure. His recent research has addressed deepfakes, biometric privacy, police surveillance, and survey evidence in federal cases. Prior to joining Northwestern, Matthew completed a Ph.D. in Psychology and Social Policy at Princeton University, was a postdoctoral fellow and adjunct instructor in psychology at Lehigh University and was awarded a JD with highest honors from the University of Chicago Law School. He also clerked for the Honorable Richard Posner on the Seventh Circuit. In his time at Northwestern, Professor Kugler has taught privacy, trademark, cybercrime, trade secret, and the intellectual property survey course.

DANIEL W. LINNA JR. has a joint appointment at Northwestern Pritzker School of Law and McCormick School of Engineering as the Director of Law and Technology Initiatives and a Senior Lecturer. Dan's teaching and research focus on innovation and technology, including computational law, artificial intelligence, data analytics, leadership, operations, and innovation frameworks.

Dan is also an affiliated faculty member at CodeX — The Stanford Center for Legal Informatics. He joined Northwestern as a Visiting Professor of Law from Michigan State University College of Law, where he was a Professor of Law in Residence and the founder and Director of LegalRnD — The Center for Legal Services Innovation. At Michigan State, Dan taught Quantitative Analysis for Lawyers, Litigation {Data, Theory, Practice, & Process}, Entrepreneurial Lawyering, and Lawyer Ethics and Regulation in a Technology-Driven World. He has also been a visiting professor at Bucerius Law School in Hamburg, Germany, where he has taught Computational Law and Rules-Driven Automation, and an adjunct professor at IE Law School in Madrid, Spain, where he has taught Assessing Artificial Intelligence and Computational Technologies. Dan has also been an adjunct professor at the University of Michigan Law School, where he has taught Negotiation as well as Legal Technology & Innovation: Legal-Service Delivery in the 21st Century.

Dan began his legal career with a one-year judicial clerkship for U.S. Court of Appeals Judge James L. Ryan. After his clerkship, he joined Honigman Miller Schwartz and Cohn, an Am Law 200 firm headquartered in Detroit. Dan was a litigator and member of Honigman's Automotive and Manufacturing; e-Discovery and Information Management; Commercial Transactions; and Social, Mobile, and Emerging Media groups. In 2013, Dan was elected equity partner.

Dan received his BA from the University of Michigan, received a second BA and an MA in public policy and administration from Michigan State University, and graduated *magna cum laude*, Order of the Coif from the University of Michigan Law School.

Before law school, Dan was an information technology manager, developer, and consultant. His work included computerizing and automating business processes, developing dynamic, data-driven websites, and building enterprise information systems. Dan co-founded the Chicago Legal Innovation & Technology meetup group in 2014. He was named to the 2015 Fastcase 50 as a person who has charted a new course for the delivery of legal services. In 2018, Dan was inducted as a Fellow of the College of Law Practice Management and named an ABA Journal Legal Rebel. He is the Chair of the Legal Analytics Committee of the ABA Business Law Section. Dan is also a co-founder and co-director of the Institute for the Future of Law Practice.

MATTHEW B. LAWRENCE is associate professor of law. Lawrence researches and publishes on health care finance, administrative law, and addictions. His scholarship is published or forthcoming in top journals including the *Boston College Law Review*, *Columbia Law Review*, *Cornell Law Review*, *Duke Law Journal*, *Florida Law Review*, *Harvard Law and Policy Review*, *New York University Law Review*, *William & Mary Law Review*, and *Yale Law Journal*. He has also published in peer reviewed publications including the *Journal of Law, Medicine, & Ethics* and *Public Health Reports*.

In addition to his teaching and scholarship, Lawrence possesses a wealth of experience in the federal government. He most recently served as a special legal advisor to the US

House of Representatives Budget Committee (Majority). Previously, he worked on health care regulatory issues during the Obama and Trump Administrations as a trial attorney in the Department of Justice's Federal Programs Branch and attorney advisor in the Office of Management and Budget's Office of General Counsel in the Executive Office of the President. In 2016, he received an individual special commendation award for his defense of Affordable Care Act programs while serving as trial attorney in the US Department of Justice.

Before coming to Emory Law Lawrence was assistant professor of law at Pennsylvania State University (Dickinson Law), where he also held a courtesy appointment as assistant professor at Penn State College of Medicine in the Department of Surgery. He was recognized by the American Society for Law, Medicine, and Ethics as a 2017 Health Law Scholar, and is affiliate faculty at Harvard Law School's Petrie-Flom Center for Health Law Policy, Bioethics, and Biotechnology, where he was previously a fellow. Lawrence is a graduate of New York University School of Law and Brown University; and he served as a law clerk to the Honorable Douglas H. Ginsburg on the US Court of Appeals for the DC Circuit.

MARK A. LEMLEY is the William H. Neukom Professor of Law at Stanford Law School and the Director of the Stanford Program in Law, Science and Technology. He is also a Senior Fellow at the Stanford Institute for Economic Policy Research and is affiliated faculty in the Symbolic Systems program. He teaches intellectual property, patent law, trademark law, antitrust, the law of robotics and AI, video game law, and remedies. He is the author of nine books and 194 articles, including the two-volume treatise *IP and Antitrust*. His works have been cited nearly 300 times by courts, including 17 times by the United States Supreme Court, and more than 38,000 times in books and law review articles, making him the most-cited scholar in IP law and one of the ten most cited legal scholars of all time. He has published 9 of the 100 most-cited law review articles of the last twenty years, more than any other scholar, and is the third most cited legal scholar from 2016-2020. His articles have appeared in 23 of the top 25 law reviews, in *Nature Biotechnology*, in top economic journals such as the *American Economic Review* and the *Review of Economics and Statistics*, and in multiple peer-reviewed and specialty journals. They have been reprinted throughout the world, and translated into Chinese, Japanese, Korean, Spanish, Italian, and Danish. He has taught IP law to federal and state judges at numerous Federal Judicial Center and ABA programs, has testified eight times before Congress, and has filed more than 50 amicus briefs in the U.S. Supreme Court, the California Supreme Court, and the federal circuit courts.

Mark is a founding partner of Durie Tangri LLP. He litigates and counsels clients in all areas of intellectual property, antitrust, and internet law. He has argued 28 federal appellate cases and numerous district court cases as well as before the California Supreme Court. He has participated in more than three dozen cases in the United States Supreme Court as counsel or amici. His client base is diverse, including Genentech, Dykes on Bikes, artists, computer scientists, and nearly every significant Internet company.

Mark cofounded Lex Machina, Inc., a startup company that provides litigation data and analytics to law firms, companies, courts, and policymakers. Lex Machina was acquired by Lexis in December 2015.

Mark has been named California Lawyer's Attorney of the Year twice. He received the California State Bar's inaugural IP Vanguard Award. He won the 2018 World Technology Award for Law. In 2017 he received the P.J. Federico Award from the Patent and Trademark Office Society. Back when he was young, he was named a Young Global Leader by the Davos World Economic Forum and Berkeley Law School's Young Alumnus of the Year. He has been recognized as one of the top 50 litigators in the country under 45 and one of the 25 most influential people in IP by American Lawyer, one of the 100 most influential lawyers in the nation by the National Law Journal, and one of the 10 most admired attorneys in IP by IP360. He is a member of the American Academy of Arts and Sciences, the American Law Institute, and the IP Hall of Fame.

Mark clerked for Judge Dorothy Nelson on the United States Court of Appeals for the Ninth Circuit and has practiced law in Silicon Valley with Brown & Bain and with Fish & Richardson and in San Francisco with Kecker & Van Nest. He has previously held faculty positions at Berkeley Law School and the University of Texas School of Law. In his spare time, Mark enjoys cooking, travel (back when that was a thing), yoga, and video games (at this writing, Horizon Forbidden West).

JONATHAN S. MASUR received a BS in physics and an AB in political science from Stanford University and his JD from Harvard Law School. After graduating from law school, he clerked for Chief Judge Marilyn Hall Patel of the United States District Court for the Northern District of California and for Judge Richard Posner of the United States Court of Appeals for the Seventh Circuit. He joined the Law School faculty in 2007, served as Deputy Dean from 2012 to 2014, and was named the John P. Wilson Professor of Law in 2014. He won the Graduating Students Award for Teaching Excellence in 2014, 2017 & 2022 and the Class Award in 2016 and 2021. Professor Masur is the co-author of *Happiness and the Law* (University of Chicago Press, 2015) and *Patent Law: Cases, Problems, and Materials* (2021), an open-source patent law casebook. He has served as director of the Wachtell, Lipton, Rosen & Katz Program in Behavioral Law, Finance and Economics since its founding.

Professor Masur's research and teaching interests include patent law, administrative law, behavioral law and economics, and criminal law.

JOHN O. MCGINNIS is a graduate of Harvard College and Harvard Law School where he was an editor of the Harvard Law Review. He also has an MA degree from Balliol College, Oxford, in philosophy and theology. Professor McGinnis clerked on the U.S. Court of Appeals for the District of Columbia. From 1987 to 1991, he was deputy

assistant attorney general in the Office of Legal Counsel at the Department of Justice. He is the author of *Accelerating Democracy: Transforming Government Through Technology* (Princeton 2013) and *Originalism and the Good Constitution* (Harvard 2013) (with M. Rappaport). He is a past winner of the Paul Bator award given by the Federalist Society to an outstanding academic under 40. He has been listed by the United States on the roster of panelists who may be called upon to decide World Trade Organization Disputes.

NICHOLAS NUGENT is the program director for the [Karsh Center for Law and Democracy](#). Nugent earned his undergraduate degrees from Indiana University in computer science and music, and received his J.D. from Vanderbilt University, where he attended on a full scholarship.

During law school, Nugent served as managing editor for the Vanderbilt Law Review. After graduating, he practiced patent law with Finnegan before working as in-house corporate counsel for Microsoft and then Amazon. He researches in the area of internet governance and has published in the Vanderbilt Law Review and the Colorado Technology Law Journal.

HARI M. OSOFSKY is dean and Myra and James Bradwell Professor of Law at Northwestern Pritzker School of Law and Professor of Environmental Policy and Culture (courtesy) at the Weinberg College of Arts and Sciences.

As dean, she is deeply committed to building legal education for a changing society through inclusive collaboration. Her leadership focuses on preparing students to lead in our changing society and profession; advancing diversity, equity and inclusion and social and racial justice; learning from the COVID-19 pivots; and innovating through interdisciplinary, multi-stakeholder, and international partnerships. She also is very involved in mentorship and sponsorship to support greater diversity in law school and university leadership. The American Bar Association's Legal Technology Resource Center recognized her as one of the 2019 Women of Legal-Tech.

Dean Osofsky's over 50 publications focus on improving governance and addressing injustice in energy and climate change regulation. Her scholarship includes books with Cambridge University Press on climate change litigation, textbooks on both energy and climate change law, and articles in leading law and geography journals. Dean Osofsky's Emory Law Journal article, *Energy Partisanship*, was awarded the 2018 Morrison Prize, which recognizes the most impactful sustainability-related legal academic article published in North America during the previous year. Dean Osofsky has collaborated extensively with business, government, and nonprofit leaders to make bipartisan progress on these issues through her leadership roles and teaching. She is a fellow of the American College of Environmental Lawyers.

Her professional leadership roles have included, among others, serving as president of the Association for Law, Property, and Society and as a member of the Dean's Steering Committee of the American Association of Law Schools, Executive Council of the American Society of International Law, International Law Association's Committee on the Legal Principles of Climate Change, Board of Governors of the Society of American Law Teachers, and editorial board of *Climate Law*. Her leadership and mentorship work was recognized by the Association for Law, Property, and Society's 2016 Distinguished Service Award and the University of Minnesota 2015 Sara Evans Faculty Woman Scholar/Leader Award.

Dean Osofsky received a PhD in geography from the University of Oregon and a JD from Yale Law School. She clerked for Judge Dorothy W. Nelson of the Ninth Circuit Court of Appeals. Prior to joining Northwestern University, Dean Osofsky served as dean of Penn State Law and the Penn State School of International Affairs and on the faculties of University of Minnesota Law School, Washington and Lee University School of Law, the University of Oregon School of Law, and Whittier Law School.

LAURA PEDRAZA-FARIÑA is a Professor of Law at Northwestern Pritzker School of law and a faculty affiliate of the Science in Human Culture Program at Northwestern University. She received her J.D. from Harvard Law School and her Ph.D. in Genetics from Yale University.

Professor Pedraza-Fariña's research falls into two main areas: innovation law and policy, and international organizations (with an emphasis on those organizations that address global health and intellectual property concerns). Using the mixed methods of network science, science and technology studies (STS), and history of science, Professor Pedraza-Fariña's scholarship on innovation law has developed a sociologically informed approach to intellectual property (IP) law that focuses on the ways in which both technical and artistic knowledge, and thus innovation, are generated, maintained and modified. Her body of work on innovation law provides a framework for understanding, from both a qualitative and a quantitative perspective, how on the ground innovation dynamics impact innovation outcomes. In turn, in depth knowledge of this relationship between on-the-ground practices and innovation outcomes can help formulate more accurate theories of innovation that can better guide the development of innovation law and policy.

Professor Pedraza-Fariña's work at the intersection of global health and international intellectual property law analyzes the role of international organizations with overlapping regulatory domains in shaping the relationship between these two legal domains—global health and international IP. Her most recent project analyzes the often contentious relationship between two international organizations with overlapping regulatory domains in these two areas: the World Trade Organization (WTO) and the World Health Organization (WHO).

Her research has been published and is forthcoming in both law reviews and peer-reviewed journals, including the University of Chicago Law Review, Northwestern University Law Review, Notre Dame Law Review, and Osiris.

AARON PERZANOWSKI is the inaugural Thomas W. Lacchia Professor of Law at the University of Michigan Law School. He teaches and writes about the intersection of intellectual and personal property law.

Much of his work explores the notion of ownership in the digital economy. His books include *The End of Ownership*, co-authored with Jason Schultz (MIT Press, 2016), and *The Right to Repair* (Cambridge University Press, 2022). His current book project addresses how shifting conceptions of ownership threaten to undermine the core functions of libraries.

Professor Perzanowski also has written about the ways in which informal governance and social norms influence creative production in contexts ranging from the tattoo industry to the clowning community. *Creativity Without Law*, his 2017 book with Kate Darling (NYU Press), collected much of the growing body of scholarship exploring the interplay between IP and social norms.

Before joining the Michigan faculty, Professor Perzanowski taught at Case Western Reserve University and Wayne State University. He also was a visiting professor at the University of Notre Dame and the Microsoft Research Fellow at the University of California, Berkeley.

DAVID L. SCHWARTZ has focused his teaching and research on intellectual property and patent law, with a particular emphasis on empirical studies of patent litigation. He also co-authored a casebook on the law of design, including design patents. Prior to entering academics in 2006, Professor Schwartz practiced intellectual property law, focusing on patents and patent litigation, for over a decade. From 2000 to 2006, he was a partner at two intellectual property boutique firms in Chicago, where his practice included patent, copyright, trademark and trade secrets litigation; patent and trademark prosecution; and intellectual property-related transactions. He began his career in 1995 as an associate at Jenner & Block.

He is a Co-Principal Investigator of the [Systematic Content Analysis of Litigation Events Open Knowledge Network \(SCALES OKN\)](#), a NSF funded effort to transform the transparency and accessibility of court records. The SCALES OKN is a public platform that uses AI to surface insights into systematic patterns and behaviors in court records. The project's goal is to make it easy for lawyers, legal scholars, and journalists to transform difficult question about how the courts operate into easily obtainable information and answers.

Professor Schwartz's research focuses on empirical studies of patent law and judicial behavior, including of the use contingent fee representation in patent litigation; reversal rates in patent claim construction cases; litigation involving non-practicing entities; the effect of the presumption of validity on jurors; and the doctrine of equivalents. He has also studied the use of legal scholarship by the judiciary. His scholarship has appeared in leading law journals such as the Cornell Law Review, the Northwestern Law Review, the Texas Law Review, the University of Chicago Law Review, the Michigan Law Review, and the Journal of Empirical Legal Studies. He has also published in Science.

In terms of service to the practicing bar, Professor Schwartz was the program director for the Richard Linn Inn of Court, which focuses on intellectual property law, from 2011 until 2013. He also served from 2011 until 2013 on the board of managers for the Intellectual Property Law Association of Chicago. Professor Schwartz is registered to practice before the U.S. Patent and Trademark Office.

SEEMA K. SHAH is Associate Professor in Pediatrics at Northwestern University Medical School and an Associate Director of the Bioethics Program at Lurie Children's Hospital, is an expert in the fields of pediatrics and global health research ethics, as well as on ethical issues in the determination of death. After attending Stanford University, Shah completed a fellowship in bioethics at the National Institutes of Health (NIH) Clinical Center. She then received legal training at Stanford and in a federal district court clerkship. Shah was previously on faculty at the University of Washington/Seattle Children's Hospital and at the NIH Clinical Center Department of Bioethics. Shah has chaired an NIH committee on ethical considerations in conducting Zika virus human challenge trials and lectured on the ethics of clinical research at conferences run by PRIM&R, ASBH, IAB, ASTMH, and internationally in such locations as Botswana, South Africa, the Netherlands, Vietnam, Japan, Indonesia, Brazil, and Zimbabwe.

Seema Shah's research is focused on the following question: When is it ethically and legally acceptable to expose some people to risk for the benefit of others? She has examined this in several different domains, including HIV/AIDS research, pediatric research, and the ethics of human challenge trials.

Shah received her JD from Stanford University Law School in 2005.

SEPEHR SHAHSHAHANI teaches and writes in the areas of intellectual property, civil procedure, and law and social science. His research applies formal and quantitative methods to the study of law, focusing on judicial decision making and the role of courts in policymaking. It has investigated, for example, the impact of judges' religious affiliation on their decisions; the interaction of interest groups, Congress, and the courts in making technology policy; the effect of appellate standards of review on factfinding and lawmaking; the horizontal diffusion of legal doctrine; and the influence of particular case characteristics on the development of general law. His work has appeared or is forthcoming in peer-reviewed journals such as the Journal of Law and Economics, the

Journal of Law, Economics, & Organization, the Journal of Legal Studies, the Journal of Empirical Legal Studies, and the Quarterly Journal of Political Science, as well as in law reviews such as the Journal of the Copyright Society of the U.S.A. and the Minnesota Journal of Law, Science and Technology. Sepehr completed a Ph.D. at Princeton University, where he was a Charlotte Elizabeth Procter Honorific Fellow. Before embarking on an academic career, he was a litigator at Paul, Weiss, Rifkind, Wharton and Garrison LLP in New York and a law clerk to Judge William E. Smith of the U.S. District Court for the District of Rhode Island and Judge Ronald Lee Gilman of the U.S. Court of Appeals for the Sixth Circuit.

SHELLY SIMANA's research focuses on the nexus between bioethics and law. It explores issues at the frontier of scientific developments and how the law treats them. Specifically, her research centers around questions stemming from genetic and reproductive technologies. Shelly's work has been published or is forthcoming in the Yale Journal of Law & Technology, Journal of Law, Medicine & Ethics, Journal of Law and the Biosciences, and the Current Stem Cell Reports.

Previously, Shelly served as a visiting scholar in the Department of Bioethics at the National Institutes of Health (NIH) and a research associate in the Program on Science, Technology, and Society (STS) at Harvard Kennedy School of Government.

NOAH SMITH-DRELICH joined the faculty at Chicago-Kent College of Law in 2020 as an assistant professor of law. His scholarship seeks to better understand the incentive structures underlying tort law, with ramifications that stretch from mass torts settlements to policing. Smith-Drelich also writes in the area of public health and health policy, and on the constitutional right to travel. His articles have been published or are forthcoming in the *Ohio State Law Journal*, *Southern California Law Review* (twice), *Indiana Law Journal*, *Public Health Nutrition*, and *Loyola of Los Angeles Law Review*.

In addition to his academic research, Smith-Drelich maintains an active *pro bono* practice in civil rights and civil liberties impact litigation with a focus on indigenous rights and environmental justice. Currently, Smith-Drelich is the originating attorney and lead counsel on [*Thunderhawk v. County of Morton*](#), a putative class action lawsuit challenging police abuses related to the Standing Rock-led resistance to the Dakota Access Pipeline. The case is in discovery against two defendants. The remaining defendants filed an interlocutory appeal of the district court's denial of their motions to dismiss, which Smith-Drelich argued in the Eighth Circuit Court of Appeals in February 2022.

Professor Smith-Drelich has been recognized for his teaching at Chicago-Kent, winning Chicago-Kent Student Bar Association Professor of the Year (2021-2022) and the Chicago-Kent College of Law Excellence in Teaching Award (2021-2022).

Before arriving at Chicago-Kent, Smith-Drelich was an academic fellow at Columbia Law School and a visiting scholar at the J. Reuben Clark Law School at Brigham Young University. Prior to that, Smith-Drelich worked as a staff attorney for the American Civil Liberties Union's North Dakota, South Dakota, and Wyoming affiliate, and as a 7th-12th grade teacher on the Pine Ridge Reservation.

Smith-Drelich was a law clerk to Judge Edmond E. Chang of the Northern District of Illinois and Judge Jay S. Bybee of the Ninth Circuit Court of Appeals. He also worked as an attorney at the litigation boutique Korein Tillery from 2014–2017.

He is a graduate of Stanford Law School, where he was an articles editor on the *Stanford Law Review* and the editor-in-chief of the *Stanford Law & Policy Review*. Smith-Drelich holds an M.S. in environment and natural resources (health and the human environment) from Stanford University and a B.A. from Williams College.

HELLEN TILLEY (Ph.D., Oxford, 2002) is an associate professor of history and law, with a courtesy appointment in the Pritzker School of Law at Northwestern. Her research examines medical, environmental, and human sciences in colonial and post-colonial Africa, including their synergies with legal, economic, and global history.

Her book, [*Africa as a Living Laboratory: Empire, Development, and the Problem of Scientific Knowledge*](#) (Chicago, 2011) explores the dynamic interplay between scientific research and imperialism in British Africa between 1870 and 1950. It received the Ludwik Fleck Prize from the Society for the Social Studies of Science (2014), honorable mention for the Herskovits Prize of the African Studies Association (2012), and the Choice Outstanding Academic Title Award (2012). She has also written articles and book chapters on the history of ecology, eugenics, agriculture, and epidemiology in tropical Africa, and is co-editor with Robert Gordon of [*Ordering Africa: Anthropology, European Imperialism and the Politics of Knowledge*](#) (Manchester, 2007) and with Michael Gordin and Gyan Prakash of [*Utopia-Dystopia: Historical Conditions of Possibility*](#) (Princeton, 2010).

Most recently, she spearheaded a multidisciplinary collaboration with anthropologists, sociologists, legal scholars, and historians that resulted in a sixteen-chapter special issue of the annual journal, *Osiris*, as [*Therapeutic Properties: Global Medical Cultures, Knowledge, and Law*](#) (2021). The volume examines the worldwide ascendancy of biomedicine, the persistence of nonofficial and unorthodox approaches to healing, and the legal contexts that have served to shape these dynamics. The contributions draw upon source material from the Americas, Africa, Western Europe, the Caribbean, and Asia to trace the influence of penal and civil codes, courts and constitutions, and patents and intellectual properties on not only health practices, but also the very foundations of state-sanctioned medicine and global health governance. Highlighting the payoff of interdisciplinary and transnational analyses, *Therapeutic Properties* teases apart how different actors fought to write the rules of global health, rendering certain

approaches to life and death irrelevant and invisible, others pathological and punishable by law, and others still, normal and natural.

Her current project focuses on the history of African decolonization, global governance, and the ethnoscientific projects that accompanied state building in the colonial and Cold War era. She is investigating, in particular, the different scientific studies and legal interventions in the twentieth century that originally helped to construct “traditional medicine” as a viable category of research and policy-making. She has received grants for her research from the Wellcome Trust, the National Science Foundation (two Scholar’s Awards), and the National Endowment for the Humanities (a collaborative research grant). At Northwestern, she has directed the Science in Human Culture Program, co-founded the Global Medical Cultures and Law Project, and held a three-year Faculty Fellowship with the Buffett Institute for Global Studies. She is also affiliated with the programs in African Studies, Global Health, Legal Studies, and Environmental Policy and Culture.

DEBORAH TUERKHEIMER joined the Northwestern Law faculty in 2014 after serving as a professor at DePaul University College of Law since 2009 and the University of Maine School of Law since 2002. Professor Tuerkheimer received her undergraduate degree from Harvard College and her JD from Yale. She teaches and writes in the areas of criminal law, evidence, and feminist legal theory. Her book, [CREDIBLE: Why We Doubt Accusers and Protect Abusers](#), was published in October 2021. In 2014, Oxford University Press published her book, *Flawed Convictions: “Shaken Baby Syndrome” and the Inertia of Injustice*. She is also a co-author of the casebook *Feminist Jurisprudence: Cases and Materials* and the author of numerous articles on sexual violence and domestic violence. After clerking for Alaska Supreme Court Justice Jay Rabinowitz, she served for five years as an Assistant District Attorney in the New York County District Attorney’s Office, where she specialized in domestic violence prosecution. In 2015, Tuerkheimer was elected to the American Law Institute, an esteemed group of judges, lawyers, and legal scholars dedicated to the development of the law.

MICHAEL R. ULRICH is Assistant Professor of Health Law, Ethics, & Human Rights at Boston University’s School of Public Health and School of Law. His scholarship focuses on the intersection of public health, constitutional law, bioethics, and social justice, with an emphasis on the role of law in the health outcomes of marginalized and underserved populations. Professor Ulrich co-authored the 3d edition of *Public Health Law* (with Mariner, Annas, & Huberfeld), the leading casebook in the field. His writings have appeared in national and international journals, including *Hastings Law Journal*, *Journal of Law, Medicine, & Ethics*, *Yale Journal of Health Policy, Law, & Ethics*, *SMU Law Review*, *Yale Journal of Law & Feminism*, *George Washington International Law Review*, *Health Affairs*, *British Medical Journal*, *American Journal of Law & Medicine*, *Northeastern Law Review*, and *American Journal of Bioethics*. Professor Ulrich has received national recognition for his scholarship, having been selected as a Health Law

Scholar by the American Society of Law, Medicine & Ethics, and a Public Law Junior Scholar by the American Constitution Society. His work has also been cited in briefs, including to the United States Supreme Court. Professor Ulrich has been a guest on This Week in Health Law Podcast as well as NPR numerous times, with his work and comments also appearing in NBC News, Slate, Daily Beast, The Appeal, and the Dallas Observer. Professor Ulrich's teaching was recognized by his department peers with the Excellence in Teach Award in 2019. Prior to joining the BU faculty, Professor Ulrich was Research Scholar, Senior Fellow in Health Law, & Lecturer in Law at Yale Law School, where he helped launch and run the Solomon Center for Health Law & Policy at Yale Law School with Faculty Director Abbe Gluck. He also served as a bioethicist in the Division of AIDS, at the National Institutes of Health.

TRACY WEITZ is a senior fellow with the Women's Initiative at American Progress. Weitz is a national expert on abortion care, policy, culture, and politics in the United States. She is currently a professor of sociology and director for the Center on Health, Risk, and Society at American University in Washington, D.C. From 2014 to 2021, she served as the U.S. programs director for the Susan Thompson Buffett Foundation in Omaha, Nebraska. Prior to joining the foundation, from 2003 to 2013 as faculty in the Department of Obstetrics, Gynecology and Reproductive Sciences at the University of California San Francisco (UCSF), Weitz co-founded and directed the Advancing New Standards in Reproductive Health research program. While at UCSF, she also served as the founding executive director for the UCSF National Center of Excellence in Women's Health in 1996, designated through a competitive award from the U.S. Department of Health and Human Services.

Weitz has a bachelor's degree in political science from the University of California, Berkeley, a master's degree in public administration with an emphasis in health care from Missouri State University, and a doctoral degree in sociology from UCSF. Among her honors is the 2012 UCSF Academic Senate Distinction in Mentoring Award; the 2013 Steinem-Waters Legacy Award from Choice USA, now Unite for Reproductive and Gender Equity; the 2014 Irvin M. Cushner Award from the Association of Reproductive Health Professionals; the 2021 Charles S. Schultz Lifetime Achievement Award and the 2008 Felicia Stewart Advocacy Award from the Sexual and Reproductive Health Section of the American Public Health Association; and the 2015 Roger Baldwin Civil Libertarian of the Year Award from the American Civil Liberties Union – Nebraska for challenging the Nebraska ban on same-sex marriage. Weitz is a deputy editor for *Perspectives on Sexual and Reproductive Health* and on the editorial board of *Contraception*.

REBECCA WEXLER's teaching and research focus on data, technology, and secrecy in the criminal legal system, with a particular focus on evidence law, trade secret law, and data privacy. Her scholarship has appeared or is forthcoming in the Harvard Law Review, Stanford Law Review, Yale Law Journal Forum, UCLA Law Review, Texas Law Review, Vanderbilt Law Review, and Berkeley Technology Law Journal, as well as in peer-reviewed computer science publications.

Wexler's scholarly theories have twice been proposed for codification into federal law and litigated in multiple courts, including a cert petition to the U.S. Supreme Court. Her article [Privacy as Privilege](#) (opens in a new tab)

received the Privacy Law Scholars' Conference 2020 Reidenberg-Kerr Award for overall merit for a paper by an untenured faculty member, and was named a 2021 "Must Read" article by the National Association of Criminal Defense Lawyers. Her Op-Eds have appeared in *The New York Times*, *The Los Angeles Times*, *The Washington Monthly*, and *Slate*, and her work has been featured in *The Washington Post* and NPR, among other media venues.

Wexler is a Faculty Co-Director of the Berkeley Center for Law & Technology and a Nonresident Fellow at the Brookings Institution. Prior to attending law school, she made documentary films for national broadcast television, museums, and educational distribution.

B.A., Harvard College, summa cum laude, Phi Beta Kappa Junior Inductee; M.Phil., Cambridge University, high first distinction, Gates-Cambridge Fellow; J.D., Yale Law School, *The Yale Law Journal* Forum Editor

JOSEPHINE WOLFF is an associate professor of cybersecurity policy and has been at The Fletcher School at Tufts University since 2019. Her research interests include liability for cybersecurity incidents, international Internet governance, cyber-insurance, cybersecurity workforce development, and the economics of information security. Her first book "You'll See This Message When It Is Too Late: The Legal and Economic Aftermath of Cybersecurity Breaches" was published by MIT Press in 2018. Her second book "Cyberinsurance Policy: Rethinking Risk in an Age of Ransomware, Computer Fraud, Data Breaches, and Cyberattacks" will be published by MIT Press in 2022. Her writing on cybersecurity has also appeared in *Slate*, *The New York Times*, *The Washington Post*, *The Atlantic*, and *Wired*. Prior to joining Fletcher, she was an assistant professor of public policy at the Rochester Institute of Technology and a fellow at the New America Cybersecurity Initiative and Harvard's Berkman Klein Center for Internet & Society.

CHRISTOPHER S. YOO has emerged as one of the world's leading authorities on law and technology. One of the most cited scholars in administrative and regulatory law as well as intellectual property, he has authored five books and over 100 scholarly works. His major research projects include investigating innovative ways to connect more people to the Internet; comparing antitrust law in China, Europe, and the U.S.; analyzing the technical determinants of optimal interoperability; promoting privacy and security for autonomous vehicles, medical devices, and the Internet's routing architecture; and studying the regulation of Internet platforms. He has also created innovative joint degree

programs designed to produce a new generation of professionals with advanced training in both law and engineering.

He is frequently called to testify before the U.S. Congress, Federal Communications Commission, Federal Trade Commission, Antitrust Division of the U.S. Department of Justice, foreign governments, and international organizations. He recently served as a member of the Federal Communication Commission's Broadband Deployment Advisory Committee, the Board of Advisors for the American Law Institute's Project on Principles of Law for Data Privacy and the Restatement of Principles for a Data Economy, and as co-convenor of the United Nations Internet Governance Forum's Initiative on Connecting and Enabling the Next Billions.