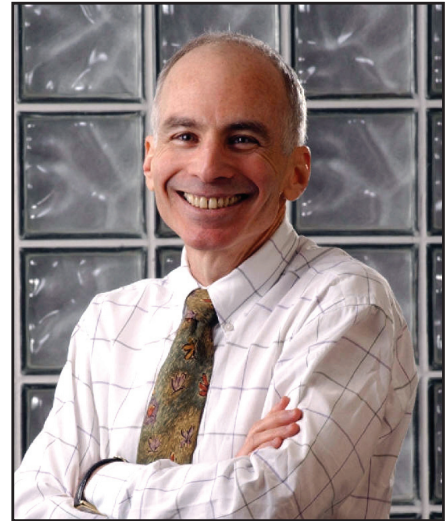# DEAR FRIENDS,

On behalf of Georgetown University and the O'Neill Institute for National and Global Health Law, it is my great pleasure to welcome you to the 6th International Summit on the Future of Health Privacy.

Now is the time to examine and celebrate privacy as a great necessity in the lives of people across the globe. The health system gathers, stores, and widely disseminates unimaginable amounts of personal information – in health insurance, medical practices, hospitals, and public health agencies. These collections offer a wealth of information that can be used in tremendous ways for the public's good, but without reasonable assurances of privacy, the unauthorized disclosure of health information ca n be incredibly detrimental to all. This 6th International Summit on '*Is Big Data the Beginning of the End for Privacy in Healthcare?*' offers us the opportunity to think, research, and act on the need for health information privacy. Georgetown Law and the O'Neill Institute are proud to join with our inspiring partner, Patient Privacy Rights, to host this important conference.

This Summit denotes an essential piece of the O'Neill Institute's mission to discover innovative solutions to the most pressing health concerns facing the nation and the world. The essential vision for the O'Neill Institute rests upon the proposition that the law has been, and will remain, a fundamental tool for solving critical health problems in our local, national, and global communities. By contributing to a more powerful and deeper understanding of the multiple ways in which law can be used to improve health, the O'Neill Institute hopes to encourage key decision-makers in the public, private, and civil society sectors to use the law as a positive tool to enable individuals and populations in the United States and throughout the world to lead healthier lives.

We are excited to hear your varied perspectives in the next few days. As always, we hope this summit, with its national and international perspectives on health privacy problems and solutions, will lead to further developments within the field in the coming year.

I would like to thank Deborah Peel and Patient Privacy Rights, as well as our distinguished guests and all of our generous sponsors, for helping to create this outstanding opportunity for ongoing discourse and progress.

Lawrence O. Gostin Faculty Director | O'Neill Institute for National and Global Health Law
University Professor | Georgetown University
Linda and Timothy O'Neill Professor of Global Health Law | Georgetown Law

O'NEILL INSTITUTE
FOR NATIONAL & GLOBAL HEALTH LAW
GEORGETOWN LAW

WELCOME!

Dear Friends,

Patient Privacy Rights and our academic, civil society and privacy advocacy partners and sponsors welcome you to the 6th International Summit on the Future of Health Privacy.

Our purpose is to honor and empower the individual's right to privacy through personal control of health information wherever such information is collected and used. We educate, collaborate and partner with people to ensure privacy in law, policy, technology, and maximize the benefits from the use of personal health information with consent.

Already, 2016 has been a banner year for privacy. More and more, patients and consumers demand trustworthiness from technology companies. When Apple's Tim Cook publicly took a stand on unlocking an iPhone, others in the industry began to follow suit— a signal that privacy control is of high value to users. Today's market presents privacy as a challenge that must be met by creators, engineers and disruptors in the field of health IT.

Is Big Data the beginning of the end for privacy in health care, or is there a way for us to harness the positives of data sharing, while still protecting the right of the patient to consent? We look forward to dissecting this and other questions around health privacy during this summit.

We are privileged to welcome so many distinguished speakers and panelists, including featured keynotes speakers:

- Professor Joe Cannataci, United Nations Human Rights Council Special Rapporteur for the right to privacy

- Professor Claudia Pagliari, Programme Director, MSc in Global eHealth at The University of Edinburgh

- Adam Tanner, Fellow, Institute for Quantitative Social Science, Harvard University

- Professor Ifeoma Ajunwa, Assistant Professor of Law, University of the District of Columbia David A. Clarke School of Law

Professor Cannataci will also be recognized with Patient Privacy Rights' 2016 Louis D. Brandeis Privacy Award at this year's Celebration of Privacy Gala, held at the Washington Court Hotel on June 7 at 6:30 PM.

I want to especially thank our generous co-host, the O'Neill Institute for National and Global Health Law, for giving us the opportunity to meet at Georgetown University Law Center. Thank you all for participating.

Regards,

Deborah C. Peel, MD

Founder & President | Patient Privacy Rights

patientprivacyrights

6Th International Summit on the Future of Health Privacy
Is Big Data the Beginning of the End for Privacy in Healthcare?

SUMMIT AGENDA
DAY ONE

Day One: Tuesday, June 7, 2016
Georgetown University Law Center

8:00 – 8:30 AM	**Registration	Light Breakfast & Coffee**

8:30 – 9:00 AM	**Opening Session**
	Alvaro Bedoya	Founding Executive Director, Center for Privacy and Technology, Georgetown University Law Center
	Deborah C. Peel	Founder and President, Patient Privacy Rights

9:00 – 9:45 AM	**Keynote: Is Big Data Effectively the Beginning of the End of Privacy in Healthcare?**
	Joe Cannataci	United Nations Human Rights Council Special Rapporteur for the right to privacy Head of the Department of Information Policy and Governance, University of Malta

9:50 – 10:50 AM	**Session 1: Are Patients Harmed When Health Privacy is Violated?**
	MODERATOR **Adam Tanner**	Fellow, Institute for Quantitative Social Science, Harvard University
	SPEAKERS **Deanna Fei**	Author, Girl In Glass (Bloomsbury, 2015)
	Mary Ebeling	Professor of Sociology, Drexel University
	Carolyn B.	cancer patient

10:50 – 11:10 AM	**Break**

11:10 – 11:55 AM	**Keynote: Privacy, Autonomy, and Power in a 'Smart, Connected' World**
	Claudia Pagliari	Programme Director, MSc in Global Health, the University of Edinburgh

12:00 – 1:00 PM | **Box Lunch**

1:00 – 1:55 PM | **Plenary: Do Wearables, Ingestibles and Apps Spill Health Data?**

MODERATOR
Jana Kasperkevic | the Guardian

SPEAKERS
Kathryn Montgomery | Professor and Director of Public Communication, School of Communication, American University

Jeff Chester | Executive Director, Center for Digital Democracy

Deven McGraw | Principal Deputy Director for Health Information Privacy, United States Department of Health and Human Services

2:00 – 2:45 PM | **Plenary: Will the EU Privacy Shield and Data Regulation Affect the US?**

MODERATOR
Chip Pitts | Chair, Board of Directors, Electronic Privacy Information Center

SPEAKERS
Anna Spencer | Partner, Sidley Austin LLP

Drew Mitnick | Junior Policy Counsel, Access Now

Aymeric Dupont | Counselor, Justice and Home Affairs, European Union Delegation to the United States

Andrea Matwyshyn | Professor of Law, Northeastern University

2:45 – 2:55 PM | **Break**

2:55 – 3:50 PM | **Breakout Sessions**

1a – **Privacy as a Fundamental Human Right**

MODERATOR
Matt Daniels | Founder, Good of All

SPEAKERS
Albert T. Gombis | Foreign Affairs Officer, U.S. Department of State

Robert Destro | Professor of Law and founding Director of the Interdisciplinary Program in Law & Religion at The Catholic University of America's Columbus School of Law in Washington, D.C

1b – **As Health Data Exchanges Grow, What Rights Do Patients Have?**

MODERATOR
Niam Yaraghi | Fellow, Center for Technology Innovation, Economics of Healthcare Information Technology, Brookings Institute

SPEAKERS
Hirdey Bhathal | CEO and Founder, Zibdy Health

Randy Farmer | Chief Operating Officer, Delaware Health Information Network

Kathryn Serkes | Chairman, Doctor-Patient Medical Association

Craig J. Konnoth | Sharswood Fellow & Lecturer in Law, University of Pennsylvania Law School

1c – **Health Privacy and the LGBTI Community**

MODERATOR
Michael Lavers | International News Editor, Washington Blade

SPEAKERS
Anne Tamar-Mattis | Legal Director, InterAct Advocates for Intersex Youth

Samantha Crane | Director of Public Policy, Autistic Self Advocacy Network

Kellan E. Baker | Senior Fellow, LGBT Research and Communications Project, Center for American Progress

3:50 – 3:55 PM | **Break**

3:55 – 4:50 PM | **Plenary: theDataMap**

MODERATOR
Latanya Sweeney | Professor of Government and Technology, Harvard University

SPEAKERS
Adam Tanner | Fellow, Institute for Quantitative Social Science, Harvard University

Chris Vickery | Security researcher and consultant

4:55 – 5:40 PM | **Closing Keynote: Unlimited Workplace Surveillance**

Ifeoma Ajunwa | Assistant Professor of Law, David A. Clarke School of Law, University of the District of Columbia

5:40 – 5:45 PM | **Day One Closing Remarks**

Deborah C. Peel | Founder and Chair Patient Privacy Rights

Celebration of Privacy Gala

Washington Court Hotel
(across from Georgetown University Law Center)
525 New Jersey Avenue, N.W.

6:30 – 9:00 PM	**Louis D. Brandeis Privacy Awards Gala Dinner**

MASTER OF CEREMONIES
Adam Tanner | Fellow, Institute for Quantitative Social Science,
Harvard University

AWARDEES—

Top Data Detective Award
Presented by Professor Latanya Sweeney

Chris Vickery | Security researcher and consultant

Patient Privacy Rights' Louis D. Brandeis Privacy Award
Presented by US Senator Edward J. Markey

Joe Cannataci | United Nations Human Rights Council
Special Rapporteur for the right to privacy
Head of the Department of Information
Policy and Governance, University of Malta

SUMMIT AGENDA
DAY TWO

Day Two: Thursday, June 8, 2016

Georgetown University Law Center

8:30 – 9:00 AM	**Light Breakfast & Coffee**

9:00 – 9:05 AM	**Welcome: Day Two**

Deborah C. Peel | Founder and Chair Patient Privacy Rights

9:05 – 9:50 AM	**Keynote: Med Men: The Secret Origins of the Medical Data Business**

Adam Tanner | Fellow, Institute for Quantitative Social Science,
Harvard University

9:55 – 10:45 AM	**Plenary: IT Solutions for Privacy and Research**

MODERATOR
Lisa Gallagher | Managing Director, PwC, Health Industries Advisory,
Cybersecurity and Privacy, Pricewaterhouse
Coopers Advisor Services, LLC

SPEAKERS
Marc Natter | Boston Children's Hospital

Daniel "Dazza" Greenwood | Lecturer and Researcher at MIT Media Lab

Joe V. Selby | Executive Director,
Patient Centered Outcomes Research Institute (PCORI)

John Wilbanks | Chief Commons Officer, Sage Bionetworks

10:45 – 11:00 AM	**Break**

11:00 – 12:00 PM	**Plenary: How Will the Coming AI Revolution Transform the Practice of Medicine?**

MODERATOR
Frank Pasquale | Professor of Law, University of Maryland,
Francis King Carey School of Law

SPEAKERS
Corey Weigert | Vice President, Product Management, Watson Health, IBM Corporation

Christo Wilson | Northeastern University,
College of Computer and Information Science

Privacy Luncheon & Closing Keynote

12th floor, Gewirz Student Center, Georgetown University Law Center

12:15 – 1:30 PM	**Keynote: Will the 'Apple Effect' Lead to Health Data Privacy?**

MODERATOR
Paul M. Tiao | Partner, Hunton & Williams LLP

SPEAKERS
Nicolas P. Terry | Professor of Law, Robert H. McKinney School of Law,
Indiana University

Michelle DeMooy | Deputy Director, Consumer Privacy Project,
Center for Democracy & Technology

John Verdi | Vice President of Policy, Future of Privacy Forum

Adrian Gropper | Chief Technology Officer, Patient Privacy Rights

FEATURED SPEAKERS

Ifeoma Ajunwa

Ifeoma Ajunwa is a law professor at the University of the District of Columbia. Her research is concentrated in the areas of privacy law, law and technology, health law, business law, and antidiscrimination law. Her most recent article, Limitless Worker Surveillance is forthcoming with the California Law Review and that article's proposals for the protection of employee health data was recently endorsed by the New York Times Editorial Board. She has also written articles on genetic discrimination in employment and on the unauthorized disclosure of genetic information. In addition to her academic writing, Professor Ajunwa's writing has also appeared in the NYTimes Room for Debate, the Washington Examiner, and the HuffingtonPost. Professor Ajunwa's commentary has also been featured by major media outlets like Guardian, CNN, Bloomberg, Nature Biotechnology, etc.

Joseph Cannataci

Joe Cannataci completed his first book on Privacy thirty years ago, in 1986. His second book "Liability & responsibility for expert systems" was published in 1988 and devoted considerable focus on medical expert systems. In 1990 he was contributing to the European Commission's programme on Advanced Informatics in Medicine. By 1992 he had continued his work on bio-medical computing with a study on "Legal aspects of picture archiving and communications systems". Between 1992 and 1996, first as Vice-Chair and then Chair of the Council of Europe's Committee of Experts on Data Protection, he co-authored the Council of Europe's Recommendation on the Protection of Medical data Rec(97)5. He also co-authored one of the first comparative analysis studies on the protection of medical data in Europe, this time published in Amsterdam at the Medical Informatics Europe Conference in 1995. His work on privacy is not only related to the protection of patient data but is very diverse touching upon a wide range of application areas of information technology. He was Chairman of the Council of Europe's Working Group on Data Protection and Insurance as well as its Working Group on Data Protection and New Technologies between 1994 and 2000.

In 2002 he was decorated by the Republic of France and elevated to Officier dans l'ordre des palmes académiques. His pioneering role in the development of technology law and especially privacy law was cited as one of the main reasons for his being made the recipient of such an honour as was his contribution to the development of European information policy. His scholarship includes dozens of work about privacy but also reflects his wide range of interests: he has written books and articles on data protection law, liability for expert systems, legal aspects of medical informatics, copyright in computer software and co-authored various papers and textbook chapters on self-regulation and the Internet, the EU Constitution and data protection, on-line dispute resolution, data retention and police data. His latest book "The Individual & Privacy" was published in the UK by Ashgate in March 2015 and is currently being translated into Chinese.

For the past several years Joe has worked extensively on developing an evidence-base for policy making in the field of privacy and new technologies with a particular emphasis on security science and a considerable deal of Joe's time is dedicated to collaborative research in this area. He was overall co-ordinator for the CONSENT project dealing with privacy and user-generated content online, the SMART and RESPECT projects dealing with surveillance. He currently also co-ordinates the MAPPING project dealing with Internet Governance and privacy as well as the CARISMAND projects dealing with privacy, culture and disaster resilience and response. To carry out this privacy-related research, Joe has held or currently holds research grants from the British Academy, the Council of Europe, COST, UNESCO and the European Commission, totalling in excess of Euro 30 million. He serves on the editorial board of six peer-reviewed journals.

Joe's education has included a Doctor of Laws degree from the University of Malta with a doctoral thesis on Privacy & Data Protection Law and a degree in computers and law from the University of Oslo in Norway. He is also a UK Chartered Information Technology Professional (CITP) & Fellow of the British Computer Society FBCS.

Joe Cannataci co-founded and still co-directs STeP – the Security, Technology & e-Privacy Research Group at the University of Groningen where he today is full Professor holding the Chair of European Information Policy & Technology Law. Very strongly attached to his native Malta, he devotes considerable time to his role as the Head of the Department of Information Policy & Governance at the Faculty of Media & Knowledge Sciences of the University of Malta. Also a full Professor (in an adjunct capacity) at the Security Research Institute and the School of Computer and Security Science at Edith Cowan University Australia, he dedicates time in Australia, Africa, Asia and the Americas to designing and leading field—work which explores privacy-related behaviour and perceptions of indigenous peoples.

Claudia Pagliari

Dr Pagliari leads the Global eHealth program at the University of Edinburgh, UK. Her interdisciplinary research encompasses the design, study and evaluation of digital innovations for citizens, patients, clinicians and health organizations, ranging from mobile apps and social robots to large-scale digital infrastructures. She has a particular interest in the personal and societal implications of these developments and, for over 10 years, has engaged with academics, government, businesses and consumers to encourage ethical innovation and research, which respects privacy, choice and human rights, is sensitive to public concerns, and is transparent about its purposes and risks.

Dr Pagliari's presentation, *Privacy, Autonomy and Power in a 'Smart, Connected' World*, will focus on the theme of convergence — of technologies, sectors and data — and what it means for our privacy and autonomy as individuals and society.

Personal digital devices, direct-to-consumer testing, social media, big data infrastructures, analytics and artificial intelligence are offering greater opportunities for citizens to optimize their health, scientists to accelerate research, doctors to personalize medicine, governments to understand trends, and businesses to innovate. However, these activities don't exist in silos and their value models are co-dependent. In the upper layers of this ecosystem the lines between key players are blurring, with potential for power and control to be vortexed to an information elite. Gentle but persistent 'nudges' to soften our privacy boundaries in the name of 'personal empowerment', 'public benefit', and 'protection', belie a possible future with fewer freedoms, choices and the stigmatization of certain sectors of society, perhaps even extending to those who haven't yet been born. Balancing these societal risks and benefits demands multi-sector transparency, open dialogue and responsive governance. It also requires a realistic global perspective, mindful of international variation in data rights, freedoms and attitudes, alongside growing geopolitical and criminal threats. Whether this can be achieved, how soon, and at what cost are open questions but anticipation is essential.

Adam Tanner

Adam Tanner is a fellow at Harvard University's Institute for Quantitative Social Science. At Harvard since 2011, he has written *What Stays in Vegas: The World of Personal Data-Lifeblood of Big Business-and the End of Privacy as We Know It*, (PublicAffairs, 2014), which the Washington Post named one of 50 books notable works of non-fiction in 2014, and *Our Bodies, Our Data: How Companies Make Billions Selling Our Medical Records* (Beacon Press, Jan. 2017).

He served as a Reuters news agency correspondent from 1995–2011, including as bureau chief for the Balkans (2008–2011) and San Francisco bureau chief (2003–2008). He was also posted in Berlin, Moscow and Washington D.C. He has appeared on CNN, Bloomberg TV, MSNBC, CNBC, NPR, the BBC and VOA, and written for magazines including *Scientific American, Forbes, Fortune. MIT Technology Review* and *Slate*.

SUMMIT SPEAKERS

Kellan Baker

Kellan Baker is a Senior Fellow with the LGBT Research and Communications Project at the Center for American Progress. At CAP, Kellan works on LGBT health issues across the U.S. Department of Health and Human Services and directs the LGBT State Exchanges Project, which partners with LGBT and consumer health advocates in numerous states to ensure that the benefits of the Affordable Care Act reach LGBT communities. Kellan also co-directs the "Do Ask, Do Tell" project supporting LGBT data collection in electronic health records and is a founding Steering Committee member of Out2Enroll, a nationwide initiative that works to connect LGBT people and their families with their new coverage options under the health reform law. He holds a BA with high honors from Swarthmore College and an MPH and MA from George Washington University.

Alvaro Bedoya

Alvaro Bedoya is the founding Executive Director of Georgetown Law's Center on Privacy & Technology. He is an expert on digital privacy issues, including biometrics, commercial data collection, NSA surveillance and cybersecurity, with a focus on their impact on communities of color. He is an informational resource to policymakers, advocates, and journalists. His commentary has appeared in the *New York Times*, the *Wall Street Journal*, the *Washington Post*, *Politico*, and *Slate*. Prior to joining the Center, he served as Chief Counsel to United States Senator Al Franken to the United States Senate Judiciary Subcommittee on Privacy, Technology and the Law. Alvaro is a graduate of Harvard College and Yale Law School, where he received the Paul & Daisy Soros Fellowship for New Americans. You can follow him on Twitter at @alvarombedoya.

Hirdy Bhatal

Hirdey Bhathal is a founder and CEO of healthcare startup ZibdyHealth. ZibdyHealth empowers healthcare consumer to control own data and benefit from it. It promises never to sell users personal data or put advertisements on the platform. It lets members use the entire application without ever divulging any personal information. Prior to ZibdyHealth, Hirdey was in senior business and corporate development roles at various tech and biotech companies to help them launch their healthcare businesses. He wrote the first business plan for digital health for Intel Corporation in 2003. Learn more about ZibdyHealth at www.zibdy.com or follow @ZibdyHealth.

Jeff Chester

Jeff Chester is Executive Director of the Center for Digital Democracy (CDD), a Washington, DC non-profit. CDD is one of the leading NGOs advocating for consumers on digital privacy and consumer protection issues. Founded in 1991, CDD (then known as the Center for Media Education) led the campaign for the enactment of the Children's Online Privacy Protection Act (COPPA, 1998). During the 1990's it also played a prominent role in such issues as open access/network neutrality, diversity of media ownership, and the development of the FCC's "E-Rate" funding to ensure that schools and libraries had the resources to offer Internet services.

Since 2003, CDD has helped place digital privacy on the Federal Trade Commission's policy agenda. Through a series of reports and formal complaints endorsed by many consumer groups on such topics as online behavioral advertising (OBA), mobile marketing, social media, and other digital marketing practices, CDD successfully engaged the commission to begin addressing unfair and deceptive practices arising from online advertising. Recently, CDD's two-year investigation into the little-known

use of so-called "e-Scores," which are used to covertly evaluate the financial worthiness of consumers online, led to a major 2012 *New York Times* story and work on this issue at the FTC. CDD's two-and-a-half-year effort to strengthen COPPA's privacy protections for children under 13 resulted in a groundbreaking decision by the FTC in December 2012, in which the commission ruled—for the first time—that "cookies," geo-location data, and other "persistent identifiers" are to be considered "personally identifiable information" (in the context of online services targeting children). By providing an array of information and analysis to such news outlets as the *Washington Post*, *Los Angeles Times*, *NPR*, and *New York Times*, CDD also spurred press coverage of digital privacy and its impact on consumer finances and health.

A former investigative reporter, Jeff Chester is the author of *Digital Destiny: New Media and the Future of Democracy* (The New Press, 2007). During the 1980's, Jeff co-directed the campaign that led to the Congressional creation of the Independent Television Service (ITVS) for public TV. He also co-founded the National Campaign for Freedom of Expression, the artist advocacy group that supported federal funding for artists. Jeff was named "Domestic Privacy Champion" in 2011 by the Electronic Privacy Information Center. CDD is a member of the Transatlantic Consumer Dialogue (TACD). Jeff is the current U.S. co-chair of TACD's Information Society (Infosoc) group.

Samantha Crane

Samantha Crane is Director of Public Policy at ASAN's national office. A graduate of Harvard Law School, Samantha previously served as staff attorney at the Bazelon Center of Mental Health Law, focusing on enforcing the right to community integration as established by the Supreme Court in *Olmstead v. L.C.*, and as an associate at the litigation firm Quinn Emanuel Urquhart, & Sullivan, L.L.P., where she focused on patent and securities litigation. From 2009 to 2010, Samantha served as law clerk to the Honorable Judge William H. Yohn at the U.S. District Court for the Eastern District of Pennsylvania.

Matt Daniels

Matt Daniels was raised on welfare in Spanish Harlem by a single mother who was disabled as the result of being the victim of a serious violent crime. After attending inner city public schools in a neighborhood with one of the highest crime rates in New York City, he was awarded a full scholarship to Dartmouth College where he graduated Phi Beta Kappa. He went on to earn a Public Interest Law scholarship to the University of Pennsylvania Law School and a doctorate in American Politics from Brandeis University. He is the Creator and former Executive Producer of Great Americans. He is also the Executive Producer and Educational Advisor for the human rights documentary "A Higher Law" on Georgia Public Broadcasting. He now serves as founder of GoodofAll.org and the Director of the Center for Human Rights and International Affairs at the Institute of World Politics in Washington, DC. He is a leading academic who also holds faculty appointments as the Co-Director of the Digital Culture Programme at Brunel Law School (UK) and the Director of the Rule of Law Institute at Handong International Law School (South Korea). He has also been appointed an affiliate faculty member at the George Mason University School of Business (US).

Michelle DeMooy

Michelle De Mooy is Deputy Director, Privacy and Data Project at the Center for Democracy & Technology. She advocates for data privacy rights and protections in legislation and regulation, works closely with industry and other stakeholders to investigate good data practices and controls, as well as identifying and researching emerging technology that impacts personal privacy. She leads CDT's health privacy work, chairing the Health Privacy Working Group and focusing on the intersection between individual privacy, health information and technology. Michelle's current research is focused on ethical and privacy-aware internal research and development in wearables, the application of data analytics to health information found on non-traditional platforms, like social media, and the growing market for genetic data. She has testified before Congress on health policy, spoken about native advertising at

the Federal Trade Commission, and written about employee wellness programs for US News & World Report's "Policy Dose" blog. Michelle is a frequent media contributor, appearing in the New York Times, the Guardian, the Wall Street Journal, Vice, and the Los Angeles Times, as well as on The Today Show, Voice of America, and Government Matters TV programs.

Before CDT, Michelle worked as a political campaign consultant for M+R Strategic Services, as a development and communications director at a capacity building organization aimed at nonprofits, and in the tech sector in product management and software engineering.

Robert A. Destro

Robert A. Destro is Professor of Law and founding Director of the Interdisciplinary Program in Law & Religion at The Catholic University of America's Columbus School of Law in Washington, D.C. and a Distinguished Fellow in the Religious Freedom Center of the Newseum Institute.

Professor Destro has been a member of the CUA Law faculty since 1982 and served as Interim Dean from 1999-2001. From 1983 to 1989 Professor Destro served as a Commissioner on the United States Commission on Civil Rights, and led the Commission's discussions in the areas of discrimination on the basis of disability, national origin and religion. He has served as Special Counsel to the Ohio Attorney General and the Ohio Secretary of State on election law matter; as General Counsel to the Catholic League for Religious and Civil Rights; as an Adjunct Associate Professor of Law at Marquette University; and was was engaged in the private practice of law with the law firm of Squire, Sanders & Dempsey in Cleveland, Ohio. With Michael S. Ariens, he is co-author of RELIGIOUS LIBERTY IN A PLURALISTIC SOCIETY (2001), and is co-founder with Dr. Carole O'Leary of the Iraqi Kurdistan Religious Freedom and Cultural Mapping Project, an initiative of the Interdisciplinary Program in Law & Religion of the Columbus School of Law and Michael-Moran Associates.

Professor Destro was born and raised in Akron, Ohio. He received his Bachelor of Arts Degree in 1972 from Miami University in Oxford, Ohio, and his law degree (J.D.) in 1975 from the University of California, Berkeley. His areas of specialization, scholarship and litigation include: freedom of speech and religion in the United States and abroad; comparative constitutional law; election law; private international law (conflict of laws); legal ethics, and bioethics.

Professor Destro lives in Arlington, Virginia with his wife Brenda. They have two adult children, Gina and Mark.

Aymeric Dupont

Aymeric Dupont is the Counsellor for Justice and Home Affairs at the Delegation of the European Union to the USA, in Washington DC. In this role, he acts as a liaison between the EU institutions and the US on a whole range of policy issues, from counter-terrorism to visas, cooperation in the field of justice and law enforcement, and data protection.

Before joining the EU Delegation, he worked for 8 years with the European institutions in Brussels (Belgium), on foreign policy issues, notably on human rights and civil society, as well as on EU-Russia relations. Before joining the EU institutions, he spent several years working with a European NGO. He also worked as a Parliamentary assistant and with the OSCE/ODIHR in the field of election observation.

Born and raised in the North of France, Mr. Dupont graduated from Sciences-Po (Political Studies) in Lille, France and has a Master's Degree on European Studies from the European Institute of the ULB in Brussels, Belgium.

Mary Ebeling

Mary F.E. Ebeling is Director of Women's and Gender Studies, and Associate Professor in Sociology at Drexel University, USA. Her research examines the intersections of gender and race, technologies, digital culture, data privacy, health marketing and medical capitalism. She was a visiting research fellow in sociology at the University of Surrey, United Kingdom, from which she also holds a PhD, and she was a Fulbright, a European Union 5th Framework and an Economic and Social Research Council (U.K.) fellowship recipient. Outside of academia, Ebeling is collaborates with alternative art spaces and food justice programs across the United States. Her new book, *Healthcare and Big Data: Digital Specters and Phantom Objects*, (Palgrave MacMillan, 2016) examines the use of private health information by data brokers for marketing and other non-health related purposes and reveals the processes that the data broker industry uses to create data commodities. *Healthcare and Big Data* considers the implications these data commodities have for patient privacy as well as the very real harm that they can cause patients.

Randy Farmer

Randy Farmer joined the Delaware Health Information Network (DHIN) in September of 2011 and currently serves in the role of Chief Operating Officer. As DHIN's COO, Farmer is responsible for all customer facing aspects of the organization specifically in the areas of new business strategies, marketing, brand development, operational support and customer service.

Farmer joined DHIN after a decade at JP Morgan Chase in Wilmington, where he served most recently as senior segment manager of strategic partnerships. He also served as senior communication and public affairs manager during his 10 years at Chase. Prior to working in financial services, Farmer served as the Director of Student Development at Villanova University. Farmer earned a Master of Science in Human Organization Science at Villanova. He also earned a Master of Education in Higher Education Administration, and a bachelor's degree in communication from the University of Delaware.

Deanne Fei

Deanna Fei is the author of the memoir GIRL IN GLASS (Bloomsbury), a winner of the 2015 Books for a Better Life Award. Hailed as "exquisite" by the *New York Times* and "extraordinarily beautiful" by NPR, GIRL IN GLASS was recently featured on PBS *NewsHour,* NPR's *All Things Considered*, and MSNBC, among many other outlets. Fei has appeared on the *Today* show, the CBS *Evening News*, CNN, and WSJ Live, sparking national conversations about medical privacy, premature births, and the perils of the American health care system.

Fei is also the author of the award-winning novel A Thread of Sky (Penguin, 2010). She was born in Flushing, New York, and graduated from Amherst College and the Iowa Writers' Workshop. She has received a Fulbright Grant and a New York Foundation for the Arts fellowship. Her essays have appeared in the New York Times, TIME, Fortune, and Slate. She currently lives in Brooklyn with her husband and two children.

Lisa Gallagher

Ms. Gallagher has over 30 years of professional experience in systems engineering, hardware design, and software development, as well as healthcare privacy, security, and public policy. Ms. Gallagher has concentrated on systems security engineering, performing tasks in the areas of security analysis; privacy and security policy, law, regulation and compliance; development of certification and accreditation programs; privacy and security guidance and plans, security engineering process definition, and the development of a capability maturity model for security engineering.

Albert T. Gombis

Al Gombis graduated from Wheaton College (Illinois) in 1990, having double-majored in Political Science and Philosophy. While in graduate school at the University of Illinois at Springfield, he secured an internship at the U.S. Department of State, which launched his diplomatic career. While working for the State Department, Mr. Gombis first attended the National Intelligence University and then the Georgetown University Law Center at night, completing his JD in 1997. He subsequently joined the Air Force as a Judge Advocate and served eight years on active duty, including a deployment to the Middle East shortly after 9/11, before joining the Reserves and returning to the State Department. In 2011, Mr. Gombis was awarded a two-year fellowship on Capitol Hill, where he worked for the House Foreign Affairs Committee. Mr. Gombis is a Member of the Bar in Illinois and Washington, D.C., and is admitted to practice before the U.S. Air Force Court of Criminal Appeals, the U.S. Court of Appeals for the Armed Forces, the U.S. Federal District Courts for the Northern District of Illinois and the District of Maryland, and the U.S. Supreme Court.

Daniel "Dazza" Greenwood

Dazza Greenwood, a lecturer and research scientist at the MIT Media Lab, conducts research projects on big data, identity federation and trust frameworks with 2013/2014 academic year research focus on defining and developing "Computational Legal Science" as a sub-discipline of computational social science. Dazza leads the CIVICS.com consultancy, providing solutions at the intersection of business, law and technology for the innovation economy. Dazza also serves as the Vice Chair of the Plenary for the Identity Ecosystem Steering Group (IDESG of NSTIC), which is developing a framework for federated identity and privacy at the international level. Dazza has consulted to fortune 100 companies, including the insurance industry and financial services sector, architecting the creation of trust frameworks. Federally, Dazza has testified several times on eCommerce before the US House and US Senate and has consulted to NASA as an Online Identity expert, GSA as a multilateral rules drafting expert, Homeland Security as a multistate Federal governance expert and many other agencies and departments. Dazza is a member of the Steward's Council of the Identity Commons and heads it's Forum on Law of Identity and Personal Data. Dazza also co-founded the eCitizen Foundation, which focused on creating citizen-centered online identity and personal data sharing projects and solutions.

Adrian Gropper

Adrian Gropper, MD is CTO of Patient Privacy Rights, a global organization representing 10 million patients and is a veteran of patient-centered health information infrastructure. As an entrepreneur and physician-developer he has founded a number of software-intensive medical device companies. He consults on Federal pilots and participates in numerous health data policy standards groups including MIT-Kerberos Internet Trust and as a co-founder of OpenID HEAlth Relationship Trust to develop standards and profiles for the so-called Public API. He served on the Board and Management Council of the Identity Ecosystem Steering Group. He's active in the Massachusetts Medical Society Committee on IT and the Task Force on Physician Mandates. He helped create Blue Button, Direct Project, and Blue Button Plus and speaks frequently on privacy engineering in health care. Dr. Gropper holds an engineering degree from MIT and an MD from Harvard Medical School.

Jana Kasperkevic

Jana Kasperkevic is a business reporter at the Guardian, where she covers income inequality, US economy and business. Prior to the Guardian, she covered start-ups, small businesses, and entrepreneurship for Inc and 2012 elections for the Houston Chronicle. Her work has appeared in *The Village Voice*, *InvestmentNews*, and Business Insider, among others. She is a graduate of Baruch College, City University of New York, where she earned a bachelors degree in Journalism and Political Science. She lives in Brooklyn.

Craig J. Konnoth

Craig works at the intersection of health and privacy law, and health law and LGBT issues. He focuses on the ethical justification for information collection in the health context, and on how the collection of information is determined by, and in turn, determines and constructs, the institutions and entities that collect the information, and from whom the information is collected.

Michael K. Lavers

Michael K. Lavers has been a staff writer for the Washington Blade since 2012.

Michael has reported from the Deep South, the United Nations, Puerto Rico, Cuba, the Dominican Republic, Chile and the Netherlands, among other places. He has also appeared on Al Jazeera, BBC, WNYC and other English and Spanish-language media outlets to discuss LGBT-specific issues.

Michael holds a degree in journalism and Spanish from the University of New Hampshire. He grew up in Manchester, N.H., and currently lives in Dupont Circle with his partner.

Andrea M. Matwyshyn

Dr. Andrea M. Matwyshyn is a legal academic studying technology innovation and its policy implications, particularly corporate information security regulation and consumer privacy.

She is currently a (tenured full) professor of law / professor of computer science (by courtesy) at Northeastern University, a faculty affiliate of the Center for Internet and Society at Stanford Law School, and a visiting research collaborator at the Center for Information Technology Policy at Princeton University, where she was the Microsoft Visiting Professor during 2014-15.

Deven McGraw

Deven McGraw joined the HHS Office for Civil Rights (OCR) as the Deputy Director for Health Information Privacy on June 29, 2015. She is a well-respected expert on the HIPAA Rules, and comes to OCR with a wealth of experience in both the private sector and the non-profit advocacy world. Prior to joining OCR, she was a partner in the healthcare practice of Manatt, Phelps & Phillips, LLP. She previously served as the Director of the Health Privacy Project at the Center for Democracy & Technology and as the Chief Operating Officer at the National Partnership for Women & Families. Ms. McGraw spearheads OCR's policy, enforcement, and outreach efforts on the HIPAA Privacy, Security, and Breach Notification Rules; as well as lead OCR's work on Presidential and Departmental priorities on health privacy and security. Ms. McGraw graduated magna cum laude from the University of Maryland. She earned her J.D., magna cum laude, and her L.L.M. from Georgetown University Law Center and was Executive Editor of the Georgetown Law Journal. She has a Master of Public Health from Johns Hopkins School of Hygiene and Public Health.

Drew Mittnick

Drew works on cybersecurity, digital due process, and privacy. He has experience working on human rights in Asia and the United States. Drew was previously a Senior Research Associate for the Public International Law and Policy Group and served as the Managing Online Editor of the Human Rights Brief. He received his law degree from American University Washington College of Law where he served as a JD Distinguished Fellow. In a previous life, he lived in Nashville where he played drums for a rock band.

Kathryn Montgomery

Kathryn Montgomery is a Professor in the School of Communication at American University and Founding Director of the PhD program, which is focused on the intersections of media, technology, and democracy. During the 1990s, as President and Co-Founder of the nonprofit Center for Media Education, she spearheaded the campaign that led to passage of the Children's Online Privacy Protection Act (COPPA). In addition to numerous articles and reports, Montgomery has written two books: *Target: Prime Time - Advocacy Groups and the Struggle over Entertainment Television* (Oxford University Press, 1989); and *Generation Digital: Politics, Commerce, and Childhood in the Age of the Internet* (MIT Press, 2007). With funding from the Robert Wood Johnson Foundation, she is spearheading a project on health wearables and consumer privacy. She holds a Ph.D. in Film and Television Studies from the University of California, Los Angeles.

Marc Natter

Marc Natter is a pediatric rheumatologist and researcher in bioinformatics at the Boston Children's Hospital Computational Health Informatics Program (CHIP) whose research centers broadly upon the development and implementation of scalable software platforms that enable new ways of collecting and sharing research data for chronic diseases research. He is the chief informatics architect of the multi-site CARRA Registry for pediatric rheumatic diseases, leads development of patient-facing technology for the Harvard Medical School-led SCILHS Clinical Data Research Network, and coordinates data integration and patient-facing technology for the PARTNERS Patient Powered Research Network and other projects.

Frank Pasquale

Frank Pasquale is a Professor of Law at the Carey School of Law at the University of Maryland. His research agenda focuses on challenges posed to information law by rapidly changing technology, particularly in the health care, internet, and finance industries. He has published over 30 scholarly articles, and his book *The Black Box Society: The Hidden Algorithms Behind Money and Information* was published by Harvard University Press in 2014. His article *'Grand Bargains for Big Data: The Emerging Law of Health Information'* offers a broad overview of the opportunities and perils posed by the growing use of predictive analytics in the medical field. Pasquale graduated summa cum laude from Harvard University, received an MPhil at Oxford University as a Marshall Scholar, and received his JD from Yale Law School. He has been a Visiting Fellow at Princeton's Center for Information Technology, a Visiting Professor at Yale Law School and Cardozo Law School, and was a Marshall Scholar at Oxford University. He has testified before the Judiciary Committee of the House of Representatives (appearing with the General Counsels of Google, Microsoft, and Yahoo) and presented before a Department of Health & Human Services/Federal Trade Commission Roundtable and panels of the National Academy of Sciences.

Chip Pitts

Chip Pitts is Board Chair of EPIC (the Electronic Privacy Information Center) and teaches law and business at leading universities in the West and Asia. He is formerly a partner at Baker & McKenzie, Chief Legal Officer of Nokia, Inc., and investor, founding GC, and CEO of tech startups in Austin and Silicon Valley. A co-inventor under US and foreign patents, he has previously helped lead the boards at various other non-profits including the Bill of Rights Defense Committee, Amnesty International USA, and Fair Trade International. Holding outstanding service and pro bono awards from various organizations, he was co-plaintiff in EPIC's successful lawsuit against the "naked" (backscatter) TSA/DHS airport body scanners. A frequent delegate to UN human rights bodies, he is an Independent Expert for the UN Intergovernmental Working Group on a Treaty in the Field of Business & Human Rights, Advisor to the UN Global Compact and leader since inception of its Good Practice Notes project. He has testified before the US Congress, state legislatures, and foreign parliaments. Current Advisory Board roles include

the ABA Center for Human Rights, the Business and Human Rights Resource Centre, and the Negotiation Center. Life member of the Council on Foreign Relations, and founding member of the Pacific Council on International Policy, publications include Harvard/BLIHR Human Rights Guide to Corporate Accountability (2008) and Corporate Social Responsibility: A Legal Analysis (2009), and articles/media commentary on corporate responsibility, privacy, civil liberties, and human rights.

Joe Selby

After obtaining his MD Degree from Northwestern, Dr. Selby moved to Northern California for internship and a family medicine residency and eventually an MPH at UC Berkeley. His fellowship project concerned Behavioral Factors in Cardiovascular Disease. He stayed in the bay area at Kaiser Permanente for 27 years, including 13 as Director of Research supervising up to 50 investigators and 500 staff members. He has had academic appointments at UC Berkeley, UCSF and Stanford. He has authored more than 200 peer reviewed articles on far ranging topics such as quality measurement and improvement, primary care delivery, colorectal cancer screening and many studies that could be classified under the heading of "comparative effectiveness" — largely in the areas of diabetes, HTN and cardiovascular disease. He has received honors from the Public Health Service, the American Epidemiological Society, Kaiser Permanente and in 2009 he was elected into the Institute of Medicine. In July 2011 Dr. Selby became the first Executive Director of the Patient-Centered Outcome Research Institute (PCORI). PCORI's mandate is to improve the quality and relevance of the evidence available in order to help patients, caregivers, employers, insurers and policy makers make informed healthcare decisions.

Anna Spencer

Anna Spencer is a nationally regarded lawyer whose practice focuses on the privacy and security of health information. As Sidley's team leader for this practice area, Anna helps companies leverage data assets, respond to data breaches and develop rules involving the electronic exchange of health information. Under Anna's leadership, Sidley received a *Chambers USA* Spotlight Table ranking in Privacy & Data Security: Healthcare (Nationwide) in 2010 and has every year since then.

Anna counsels a broad range of clients, including pharmaceutical and medical device manufacturers, health care providers, auditing firms, employers that sponsor group health plans, health information technology companies and entities that qualify as business associates, on federal, state and international privacy issues, including global data protection and compliance programs, data breaches, cybersecurity, and consumer protection issues.

Anna is a frequent speaker on privacy/security matters for numerous groups such as BNA and the American Conference Institute. She has authored many publications, including *Health Information Privacy and Security*, published by Bloomberg BNA in 2014, and a variety of articles on privacy/security.

Latanya Sweeney

Professor of government and technology in residence at Harvard University, Editor-in-Chief of Technology Science, director and founder of the Data Privacy Lab, former Chief Technology Officer at the U.S. Federal Trade Commission and Distinguished Career Professor of Computer Science, Technology and Policy at Carnegie Mellon University, Latanya Sweeney has 3 patents, more than100 academic publications, and her work is explicitly cited in two U.S. regulations, including the U.S. federal medical privacy regulation (known as HIPAA). She is a recipient of the prestigious Louis D. Brandeis Privacy Award, the American Psychiatric Association's Privacy Advocacy Award, an elected fellow of the American College of Medical Informatics, and has testified before government bodies worldwide. She earned her PhD in computer science from MIT in 2001, being the first black woman to do so, and her undergraduate degree in computer science from Harvard University. Dr. Sweeney creates and uses technology to assess and solve societal, political and governance problems, and teaches others how to do the same.

Anne Tamar-Mattis

Anne Tamar-Mattis, J.D., is the founder and Legal Director of interACT, the first organization in the country focusing on legal advocacy for the civil and human rights of children born with intersex traits. She is currently serving as counsel in M.C. v. MUSC, representing a child with an intersex condition forced by the state to undergo sex assignment surgery at age 16 months. She has served for many years as an organizer in the LGBTQI communities, and teaches as adjunct faculty at UC Berkeley School of Law. Ms. Tamar-Mattis is in demand around the country as a speaker on topics relating to legal and ethical issues affecting children with intersex conditions, including UCSF Children's Hospital, Yale Law School, and the Lawson Wilkins Pediatric Endocrine Society, to name a few. Her articles have been published in such venues as the *Journal of Pediatric Endocrine and Metabolism* and the *Berkeley Journal of Gender*, *Law & Justice.*

Nicolas P. Terry

Nicolas Terry is the Hall Render Professor of Law at the Indiana University Robert H. McKinney School of Law where he serves as the Executive Director of the Hall Center for Law and Health. Educated at Kingston University and the University of Cambridge, Professor Terry began his academic career as a member of the law faculty of the University of Exeter in England before joining the faculty at Saint Louis University School of Law. From 1996-1997 he was Director of Legal Education at LEXIS-NEXIS. He has been a Senior Fellow at Melbourne Law School and held visiting faculty positions at the law schools of Santa Clara University, the University of Missouri-Columbia, Washington University, and the University of Iowa. Professor Terry's research interests lie primarily at the intersection of medicine, law, and information technology. His recent scholarship has dealt with health privacy, social media and health, big data, and health care fragmentation. Professor Terry serves on the Board of Advisors for the non-profit Patient Privacy Rights and he is a member of the US Department of Health and Human Services Health IT Policy Committee's Consumer Workgroup. He is one of the permanent bloggers at Harvard Law School's *Bill of Health*. His recent publications are available at http://ssrn.com/author=183691, his "The Week in Health Law podcast at TWIHL.com, and he is @nicolasterry on twitter.

Paul Tiao

Paul Tiao is a partner at Hunton & Williams LLP, where he is a member of the Litigation and the Global Privacy and Cybersecurity Groups. He is a founder and co-chair of the firm's Cyber and Physical Security Task Force. Paul assists Fortune 500 companies in a wide range of sectors with risk management, investigations, litigation, regulations, and policy relating to cybersecurity, national security, law enforcement, and privacy issues.

Prior to joining Hunton & Williams, Paul spent sixteen years at the U.S. Department of Justice, where he held a number of different positions. He served as Senior Counselor for Cybersecurity and Technology to the Director of the Federal Bureau of Investigation, where he handled policy and programmatic issues relating to cyber, counterintelligence, criminal and counterterrorism issues. He also served on detail to the Senate Judiciary Committee, where he handled criminal and national security legislation as Counsel to the Assistant Majority Leader. Prior to his time in the U.S. Senate, Paul was an Assistant U.S. Attorney in the District of Maryland, where he prosecuted cases involving white collar fraud, computer hacking, violent crimes, narcotics, and other crimes. He began his career at DOJ in the honors program of the Civil Rights Division, after clerking on the U.S. Court of Appeals for the Ninth Circuit.

Paul is an adjunct professor of cybersecurity law and policy at George Washington University and an instructor at the National Institute for Trial Advocacy. He is a member of the Virginia Governor's Cyber Security Commission, a member of the Maryland Attorney General's Cybersecurity Council, and Chair of the Montgomery County Criminal Justice Coordinating Commission.

John Verdi

John Verdi is Vice President of Policy at the Future of Privacy Forum (FPF), a Washington, DC-based think tank that seeks to advance responsible data practices. FPF is supported by the chief privacy officers of more than 110 leading companies, several foundations, and an advisory board comprised of the country's leading academics and advocates. John is responsible for advancing FPF's agenda on issues involving the intersection of privacy and technology, including Big Data, Ethics, Mobile, Location, the Internet of Things, Wearables, De-Identification, Connected Cars, Smart Cities, and Student Privacy.

John joined FPF in May 2016 after serving as Director of Privacy Initiatives at the National Telecommunications and Information Administration, where he crafted policy recommendations for the US Department of Commerce and the President regarding technology, trust, and innovation. John led NTIA's privacy multistakeholder process, which touched on unmanned aircraft systems, facial recognition technology, and mobile apps. Prior to NTIA, he was General Counsel for the Electronic Privacy Information Center. John earned his J.D. from Harvard Law School in 2002 and his B.A. in Philosophy, Politics, and Law from SUNY-Binghamton in 1998.

Chris Vickery

Chris Vickery has been cited as a security expert by Forbes, BBC News, The New York Times, WIRED, NBC News, and many other publications. He has assisted Microsoft, Visa, Citrix, Real Networks, Major League Baseball, Verizon, and dozens of other companies in plugging serious data exposure vulnerabilities. Although he is most famous for discovering an exposed database containing the registration records of every registered voter in America (over 191 million).

Mr. Vickery's experience includes cooperating in investigations conducted by the Federal Trade Commission, FBI, Texas Attorney General's Office, the State of Kansas, and the Mexican Government as well as speaking at Harvard University's Center for Government and International Studies.

By his own personal account, Chris estimates that, in total, he has helped to remediate breaches exposing the sensitive account details of over 40 million people (not including the US and Mexico voter databases).

Corey Weigert

As a founding member of the senior leadership team of IBM's Watson Health Division, Mr. Weigert is accountable for defining Product Management practices, offering definitions, executing the acquisition and talent strategy, and launching the first health cloud based offerings to the market. With overall product responsibility, he has grown the cognitive offering portfolio through organic growth, synergy from acquisitions, portfolio consolidation to greater than $1B run rate focusing on Population Health, Life Sciences, Oncology, Imaging and Value and Payments.

John Wilbanks

John Wilbanks is the Chief Commons Officer at Sage Bionetworks. Previously, Wilbanks worked as a legislative aide to Congressman Fortney "Pete" Stark, served as the first assistant director at Harvard's Berkman Center for Internet & Society, founded and led to acquisition the bioinformatics company Incellico, Inc., and was executive director of the Science Commons project at Creative Commons. In February 2013, in response to a We the People petition that was spearheaded by Wilbanks and signed by 65,000 people, the U.S. government announced a plan to open up taxpayer-funded research data and make it available for free. Wilbanks holds a B.A. in philosophy from Tulane University and also studied modern letters at the Sorbonne.

Christo Wilson

Christo Wilson is an Assistant Professor in the College of Computer and Information Science at Northeastern University. Professor Wilson's research focuses on Algorithmic Auditing, which is the science of examining black box systems to understand how they work, the data they use, and ultimately how these algorithms impact individuals. To date, he has examined systems like personalization on Google Search, price discrimination in e-commerce, and surge pricing on Uber. Professor Wilson got his PhD from the University of California, Santa Barbara, and his research is supported by the NSF, the European Commission, the Knight Foundation, and the Data Transparency Lab.

Niam Yaraghi

Niam Yaraghi is a fellow in the Brookings Institution's Center for Technology Innovation. He is an expert on economics of healthcare information technology with a focus on Health Information Exchange (HIE) systems. Niam's research examines the network externalities in the healthcare market and their effects on HIE adoption and usage. His research is currently focused on analyzing the outcomes of HIE use in reducing the costs and increasing the quality of healthcare services.