Ethics of Emerging Technology

Conference Schedule

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Tech|nically
                                         Tech Ethics and Governance
                               2019 Conference on the Ethics of Emerging Tech
advancing ethical tech policy and ir
  Thursday, April 18
      noon| Lunch "Tech Talk"|Danah Boyd|Data Ethics and Sociotechnical Security
       7pm| Reception|Davi Ottenheimer, Sarah Bloom Raskin & Neil Richards|Why Privacy Matters
  Friday, April 19
       8am| Student Tech Policy Challenge Breakfast
       9am | Ethical Considerations in Tech Regulation and Governance
  10:45am | Cyber Searches and Data Privacy
  12:15pm| Lunch "Tech Talk" | David Becker | Data Integrity as a Method for Preserving Democracy
   1:30pm | Algorithmic Discrimination and Accountability
   3:15pm | Data and Democracy:Post-Cold War Cyber Ethics
  | 5:00pm | Closing Reception
  The Ahmadieh Family Conference Room | West Duke Building, Room 101
            more info | dukeethics.org
                                             Duke & SCIENCE & SOCIETY
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Technically Right at the Kenan Institute for Ethics is proud to host: "Tech Ethics and Governance: 2019 Conference on the Ethics of Emerging Tech." Emerging technicluding AI, algorithmic decision making, predictive analytics, cybersurveillance, and cyberwar—is forcing a re-evaluation of the relationship between the citizen, the state, and tech corporations. The shift of power invites a robust dialogue on the ethics of the deployment of these technologies and their impact. This conference will examine the ethical considerations that attach to the increasing reach of emerging tech, and the regulatory and tech governance models necessary to protect an open democratic society.

^{*}Co-sponsored by Science & Society and Ethical Tech

Thursday, April 18th

Noon

Lunch Kick-Off Lecture: Data Ethics and Sociotechnical Security

Danah Boyd, Founder/President, Data & Society Research Institute

7:00 pm

Evening Reception

Welcome and Introductions by Suzanne Shanahan, Director, Kenan Institute for Ethics (Duke). Presentation of thank you gifts to Ed Ballesien, Jonathan Wiener, and Lori Bennear. Remarks on Rethinking Regulation by Ed Balleisen and Jonathan Wiener. Moderated by Margaret Hu. Speakers Davi Ottenheimer, Sarah Raskin, and Neil Richards will help to forecast and frame the themes of the conference, including: (1) how best to regulate and govern emerging tech in ethical ways; (2) data privacy and information security; (3) algorithmic decision-making and accountability; and (4) cyberwar and information warfare.

| Davi Ottenheimer, Vice President of Trust and Digital Ethics at MongoDB

| Sarah Bloom Raskin, Rubenstein Fellow, Duke University

| Neil Richards, Koch Distinguished Professor of Law, Washington University School of Law

Friday, April 19, 2019

8:00 am

Breakfast and Student Presentations by Finalists of Tech Policy Challenge/Discussion

| Ken Rogerson, Judge (Duke)(Co-Chair)

| Eliza Warner, Judge (Jigsaw)(Co-Chair)

| Jonathan Wiener, Judge (Duke)(Co-Chair)

9:00-10:30 am

Panel 1: Ethical Considerations in Tech Regulation and Governance

Welcome by Suzanne Shanahan, Director, Kenan Institute for Ethics (Duke). Moderated by Mark Borsuk (Duke) and Jonathan Wiener (Duke). Panelists: Chaz Arnett (U. Pittsburgh), Vince Conitzer (Duke), Nita Farahany (Duke), Kristin Johnson (Tulane), Corinna Lain (U. Richmond)

10:45-12:15 pm

Panel 2: Cyber Searches and Data Privacy

Moderated by Sara Sun Beale (Duke). Panelists:

David Ardia (UNC), Jolynn Dellinger (Duke), Richard Myers (UNC), Stephanie Pell (West Point), Neil Richards (Washington University), Shane Stansbury (Duke)

12:15-1:15 pm

Lunch "Tech Talk": Data Integrity as a Method for Preserving Democracy

David Becker, Founder and Executive Director, Election Innovation and Research

1:30-3:00 pm

Panel 3: Algorithmic Discrimination and Accountability

Moderated by Brian Clark (Duke). Panelists: Stuart Benjamin (Duke), Natasha Duarte (Center for Democracy and Technology), Anne Klinefelter (UNC), Andrea Matwyshyn (Northeastern), Jeramie Scott (Electronic Privacy Information Center), Jay Stanley (ACLU)

3:15-4:45 pm

Panel 4: Post-Cold War Cyber Ethics

Moderated by Ken Rogerson (Duke). Panelists: Charlie Dunlap (Duke), Rebecca Green (William & Mary), Margaret Hu (Duke), Gabby Lim (Data & Society), Helen Wong (Discover Financial Services)

5:00 pm

Closing Reception

Remarks by Suzanne Shanahan (Duke) and Jonathan Wiener (Duke)

Speakers

David Ardia, Associate Professor of Law and Co-Director of the Center for Media Law & Policy

David Ardia is an associate professor of law at the UNC School of Law and serves as the faculty co-director of the UNC Center for Media Law and Policy. He also holds a secondary appointment as an assistant professor at the UNC School of Media and Journalism. Before joining the UNC faculty, he was a fellow at the Berkman Center for Internet & Society at Harvard University where he founded and directed the Berkman Center's Digital Media Law Project. Prior to his time at Harvard, Professor Ardia was assistant counsel at The Washington Post, where he provided pre-public ation review and legal advice on First Amendment, news gathering, privacy, intellectual property, and general business issues.



Professor Ardia served as a law clerk for Judge Conrad Cyr on the United States Court of Appeals for the First Circuit and for Judge Thomas McAvoy on the United States District Court for the Northern District of New York. After clerking, he practiced law at Williams & Connolly in Washington, DC, where he handled a range of intellectual property and media litigation. While at Williams & Connolly, he also performed pre-publication libel review for the National Enquirer and In Touch Weekly.

Chaz Arnett, Assistant Professor of Law, University of Pittsburgh School of Law

Professor Chaz Arnett is an assistant professor of law at the University of Pittsburgh School of Law, teaching courses in criminal procedure, legal ethics, juvenile justice, and education law. Prof. Arnett's research interests rest at the intersection of criminal law, technology, and surveillance studies. His most recent scholarship examines the ways in which surveillance measures are used within the criminal justice system and the impact these practices have on historically marginalized groups and vulnerable populations.



Prior to teaching, Prof. Arnett served as a trial attorney with public defender offices in Baltimore and New Orleans, and as a staff attorney with the Advancement Project, where he assisted in local and national campaigns aimed at combating the school-to-prison pipeline. As a recipient of the prestigious Satter Fellowship, through Harvard Law School's Human Rights Program, he also worked with the International Center for Transitional Justice on issues of constitutional development in Zimbabwe, and asylum cases for Zimbabwean refugees in South Africa. He has received numerous awards and accolades for his commitment toward furthering human rights through criminal justice reform. Education: JD, Harvard Law School. BA, Morehouse College.

Edward J. Balleisen, Professor of History, Duke University

Edward's research and writing explores the historical intersections among law, business, politics, and policy in the modern United States, with a particular focus on the origins, evolution, and impacts of the modern regulatory state. He has pursued a number of collaborative projects with historians and other social scientists who study regulatory governance in industrialized and industrializing societies.



Sara Sun Beale, Charles L.B. Lowndes Professor at Duke Law School

Sara Sun Beale is the Charles L.B. Lowndes Professor at Duke Law School. She is the author of dozens of articles and co-author of three books, *Grand Jury Law and Practice*, *Federal Criminal*

Law and Related Actions: Crimes, Forfeiture, the False Claims Act and RICO, and Federal Criminal Law and Its Enforcement. Her books and articles have been cited in many federal and state decisions in the lower courts and by the United States Supreme Court.

Beale received her B.A. degree in English and her J.D. degree, *magna cum laude*, from the University of Michigan. She clerked for Judge Wade H. McCree Jr. on the Sixth Circuit, and served in the Office of Legal Counsel and the Office of the Solicitor General in the U.S. Department of Justice before joining the Duke Law faculty.

She has argued six cases, for the government and the defense, in the United States Supreme Court.



David Becker, Executive Director & Founder, Center for Election Innovation & Research

David Becker is the Executive Director and Founder of the Center for Election Innovation & Research, leading this cutting-edge non-profit's work to improve election administration through research, data, and technology. David created CEIR to be the first effort of its kind, with a proven track record of working with election officials and experts from around the country and across the aisle. Through its efforts, CEIR seeks to reverse the historical decline in voter turnout, and give election officials the tools they need to ensure that all eligible voters can vote conveniently in a system with maximum integrity.



Stuart M. Benjamin, Douglas B. Maggs Professor of Law at Duke Law School

Stuart Benjamin is the Douglas B. Maggs Professor of Law and co-director of the Center for

Innovation Policy at Duke Law School. He specializes in telecommunications law, the First Amendment, and administrative law. From 2009 to 2011, he was the first Distinguished Scholar at the Federal Communications Commission. Before he began teaching law, Benjamin clerked for Judge William C. Canby of the United States Court of Appeals for the Ninth Circuit and for Supreme Court Justice David H. Souter; worked as an attorneyadvisor in the Office of Legal Counsel in the U.S. Department of Justice; worked as an associate with Professor Laurence Tribe; and served as staff attorney for the Legal Resources Centre in Port Elizabeth, South Africa. He received his B.A. and J.D. from Yale University.



Mark Edward Borsuk, Associate Professor of Civil and Environmental Engineering

Mark Borsuk's research concerns the development and application of mathematical models for integrating scientific information on natural, technical, and social systems. He is a widely-cited expert in Bayesian network modeling with regular application to environmental and human health regulation and decision making. He is also the originator of novel approaches to climate change assessment, combining risk analysis, game theory, and agent-based modeling. Borsuk's highly collaborative research has been funded by NSF, EPA, NIH, NIEHS and USFS, and he has authored or coauthored 75 peer-reviewed journal publications and 6 book chapters.



danah boyd, Principal Researcher at Microsoft Research

danah boyd is a Principal Researcher at Microsoft Research, the founder and president of Data & Society, and a Visiting Professor at New York University. Her research is focused on addressing social and cultural inequities by understanding the relationship between technology and society. Her most recent books - "It's Complicated: The Social Lives of Networked Teens" and "Participatory Culture in a Networked Age" - examine the intersection of everyday practices and social media. She is a 2011 Young Global Leader of the World Economic Forum, a member of the Council on Foreign Relations, a Director of both Crisis Text Line and Social Science Research Council, and a Trustee of the National Museum of the American Indian. She received a bachelor's degree in computer science from Brown



University, a master's degree from the MIT Media Lab, and a Ph.D in Information from the University of California, Berkeley.

Brian Clark PhD, Interim Director of Duke's Center for Science, Technology, and Public Policy

Brian Clark is the Interim Director of Duke's Center for Science, Technology, and Public Policy at the Initiative for Science and Society. Prior to joining the Science and Society team, Brian worked as an energy and environmental policy advisor for Senator Elizabeth Warren. He earned his PhD in physics from Harvard University, where his research focused on high energy physics at CERN's Large Hadron Collider. He also earned a Master of Advanced Study in Mathematics from the University of Cambridge, where he studied as a Marshall Scholar, and a Bachelor of Science from North Carolina State University.



Vincent Conitzer, Kimberly J. Jenkins University Professor of New Technologies, Professor of Computer Science, Professor of Economics, and Professor of Philosophy

Vincent Conitzer is the Kimberly J. Jenkins University Professor of New Technologies and Professor of Computer Science, Professor of Economics, and Professor of Philosophy at Duke University. He received Ph.D. (2006) and M.S. (2003) degrees in Computer Science from Carnegie Mellon University, and an A.B. (2001) degree in Applied Mathematics from Harvard University. Conitzer works on artificial intelligence (AI). Much of his work has focused on AI and game theory, for example designing algorithms for the optimal



strategic placement of defensive resources. More recently, he has started to work on AI and ethics: how should we determine the objectives that AI systems pursue, when these objectives have complex effects on various stakeholders?

Jolynn Dellinger, Senior Lecturing Fellow

Jolynn Dellinger served as the founding program manager for Data Privacy Day. She turned Data Privacy Day into a globally recognized event to raise awareness for privacy, with a specific focus on recognizing globally shared privacy interests and creating mechanisms for dialogue and collaboration among nonprofits, academics, businesses and government entities. Dellinger has worked as a privacy lawyer at Intel Corporation, at The Privacy Projects, and at the National Cyber Security Alliance. She is a member of the NCSA Data Privacy Day Advisory Committee and serves on the Board of Directors for the Triangle Privacy Research Hub.



Natasha Duarte, Policy Analyst, Center for Democracy and Technology

Natasha Duarte works on the Center for Democracy and Technology's privacy & data team and leads the Digital Decisions project. Her work focuses on ensuring that automated decision-making systems are socially responsible, inclusive, and fair.



Maj. Gen. Charles J. Dunlap, Jr. USAF (Ret.), Professor of the Practice of Law, Executive Director, Center on Law, Ethics and National Security

Charles J. Dunlap Jr. joined the Duke Law faculty in July 2010 where he is a professor of the practice of law and Executive Director of the Center on Law, Ethics and National Security. His teaching and scholarly writing focus on national security, law of armed conflict, the use of force under international law, civil-military relations, cyberwar, airpower, military justice, and ethical issues related to the practice of national security law.

Nita A. Farahany, Professor of Law and Professor of Philosophy

Nita A. Farahany is a leading scholar on the ethical, legal, and social implications of emerging technologies. She is a Professor of Law & Philosophy, the Founding Director of Duke Science & Society, Chair of the Duke MA in Bioethics & Science Policy, and principal investigator of SLAP Lab. She presents her work to diverse audiences including the World Economic Forum, Aspen Ideas Festival, TED, Judicial Conferences for the US Court of Appeals, the American Association for the Advancement of Science, National Academies of Science Workshops, the American Society for Political and Legal Philosophy, and by testifying before



Congress. In 2010, she was appointed by President Obama to the Presidential Commission for the Study of Bioethical Issues and served until 2017.

Rebecca Green, Professor of the Practice of Law, and Co-Director, Election Law Program, Assistant Director, CLCT

Rebecca Green is Professor of the Practice of Law and Co-Director of the Election Law Program, a joint project of the Law School and the National Center for State Courts. In that role, Green oversees its annual symposia and speaker series and undertakes a series of projects designed to educate judges about election law topics. Most recently, with generous funding from the Democracy Fund, Green has begun work on a series of State Election Law eBenchbooks. Other projects have included cofounding Revive My Vote, a project to assist Virginians with prior felony convictions regain the right to vote; producing Election



War Games at state judicial conferences in Virginia, Colorado, and Wisconsin, and supervising students on a variety of projects such as drafting an ABA report on 2012 election delays and research projects for the Presidential Commission on Election Administration. Professor Green serves as the faculty advisor to the student-run State of Elections blog.

Margaret Hu, Associate Professor of Law, Washington and Lee University School of Law

Margaret Hu's research interests include the intersection of immigration policy, national security, cybersurveillance, and civil rights. She has published several works on dataveillance and cybersurveillance and is a member of the Advisory Board of the Future of Privacy Forum.



Kristin Johnson, McGlinchey Stafford Professor of Law

Professor Johnson joined the Tulane law faculty from Seton Hall University, where she was Director of its Program on Regulation, Governance and Risk Management. Professor Johnson is nationally recognized as a leading scholar of financial risk management and corporate law. She earned her undergraduate degree in Comparative Political Economy at Georgetown University's School of Foreign Service and her J.D. from the University of Michigan Law School, where she was an editor on the Michigan Law Review. Both before and after law school, she worked in finance in New York City, first as



an analyst with Goldman, Sachs & Co. and later as a vice president and assistant general counsel with J.P. Morgan Chase & Co. She also practiced corporate law for two years, in New York City and London, and was a law clerk for Judge Joseph Greenaway on the U.S. Court of Appeals for the Third Circuit. She has been a Visiting Professor at the University of California-Irvine, University of Florida, University of Illinois, and Washington & Lee University Law Schools.

Anne Klinfelter, Professor of Law and Director of the Law Library

Anne Klinefelter is Director of the Law Library and Professor of Law. She teaches courses on Privacy Law and serves as faculty advisor to the North Carolina Journal of Law & Technology. She writes and speaks on information policy and law topics including privacy and confidentiality law, particularly as these areas apply to libraries and legal information management. Professor Klinefelter is a Faculty Affiliate of the UNC Center for Media Law and Policy and a member of the Advisory Board of the Future of Privacy Forum. She also serves as chair of the UNC Faculty Committee on University Government. Professor Klinefelter has been active in library associations and library education. In 2012, she received the Distinguished Lecturer Award from the American Association of Law



Libraries (AALL.) She served as chair of the American Association of Law Schools Section on Law Libraries, president of the Southeastern Chapter of AALL, and chair of the Copyright Committee of AALL. She has also held leadership roles in two library consortia and served on the Board of Editors for Law Library Journal. She currently serves on the UNC School of Information and Library Science Administrative Board and as faculty advisor for students in dual degree graduate programs linking Law and Library or Information Science at UNC.

Corinna Barrett Lain, S.D. Roberts & Sandra Moore Professor of Law

Professor Corinna Barrett Lain is a constitutional law scholar who writes about the influence of extralegal norms on Supreme Court decisionmaking, with a particular focus on the field of capital punishment. Her scholarship, which often uses the lens of legal history, has appeared in the *Stanford Law Review, University of Pennsylvania Law Review, Duke Law Journal, UCLA Law Review*, and *Georgetown Law Journal*, among other venues. Professor Lain is an elected member of the American Law Institute, and received the University of Richmond's Distinguished Educator Award in 2006. She is a former prosecutor and an Army veteran.



Gabrielle Lim, Researcher/Open Technology Fund Fellow

As an Open Technology Fund Information Controls Fellow, Gabrielle is investigating how state response to disinformation in Malaysia and Singapore will affect freedom of expression and Internet access. Drawing from securitization theory, authoritarian studies, and political science, her research project consists of three objectives: 1) to identify what the state gains from framing "fake news" as a national security threat; 2) to identify the unique threats to freedom of expression and Internet access that may arise from this scenario; and 3) how can civil society react to the securitization of disinformation. Before coming to Data & Society, Gabrielle was at Citizen Lab where she researched political disinformation. She was also an Open Society Foundations grantee in 2017, completing a research project on far-right rhetoric on



Twitter. In 2018, she received a Masters of Global Affairs from the Munk School of Global Affairs

and Public Policy at the University of Toronto, where she focused on counterterrorism, global security, and cybersecurity.

Andrea M. Matwyshyn Professor of Law and Co-Director, Center for Law, Innovation

and Creativity Professor Matwyshyn is an academic and author whose work focuses on technology and innovation policy, particularly information security, consumer privacy, intellectual property and technology workforce pipeline policy. Professor Matwyshyn received a US-UK Fulbright Commission Cyber Security Scholar award in 2016-2017. In addition to her appointment on the law faculty, she is a professor of computer science (by courtesy), and co-director of the law school's Center for Law, Innovation and Creativity (CLIC). She is also 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 of Information Technology Policy during 2014-2015. Professor Matwyshyn is also a senior fellow of the Cyber Statecraft Initiative at the Atlantic Council, Brent Scowcroft Center on International Security.

Richard E. Myers, Henry Brandis Distinguished Professor of Law

A native of Kingston, Jamaica, Myers was a Chancellors Scholar at the UNC School of Law, where he graduated with high honors in 1998. Upon graduation from law school, he clerked in Washington, D.C., for the Hon. David Sentelle on the United States Court of Appeals for the D.C. Circuit, and then entered private practice as a litigator for O'Melveny & Myers, LLP, in Los Angeles California. After two years with the White Collar Criminal Law and Environmental and regulatory Compliance Practice Group, he left private practice in January 2002 to become an Assistant United States Attorney in the Central District of California. In September, 2002, he transferred to the Eastern District of North Carolina in Raleigh, where he prosecuted white collar and violent crimes, and headed the district's Violent Crimes Task Force for



Wilmington and New Hanover and Pender Counties. Myers joined the UNC Law School faculty in July 2004. He teaches Criminal Law, Criminal Procedure, Ethics, and a seminar on White Collar Crime.

Davi Ottenheimer, VP Trust and Digital Ethics at MongoDB

Davi Ottenheimer is a strategist and author focused on cultural disruptions and defense ethics in emerging data platforms and intelligent machines; for more than twenty-five years he has led global teams developing, breaking and operating secure systems.



Stephanie Pell, Assistant Professor and Cyber Ethics Fellow, West Point

Stephanie Pell is an Assistant Professor and Cyber Ethics Fellow at West Point's Army Cyber Institute (ACI), with joint a joint appointment to the Department of English and Philosophy. Professor Pell is also an Affiliate Scholar at the Center for Internet and Society at Stanford Law School. She writes about cybersecurity, privacy, surveillance, and national security law and policy. Prior to joining West Point's faculty, Professor Pell served as Majority Counsel to the House Judiciary Committee, serving as lead counsel on Electronic Communications Privacy Act (ECPA) reform and PATRIOT Act reauthorization during the 111th Congress. Professor Pell was also a federal prosecutor for over fourteen years, working as a Senior Counsel to the U. S. Deputy Attorney



General, as a Counsel to the U.S. Assistant Attorney General of the National Security Division, and as an Assistant U.S. Attorney in the U.S. Attorney's Office for the Southern District of Florida. She was a lead prosecutor in *U.S. v. Jose Padilla* (American Citizen detained as an enemy combatant prior to criminal indictment, trial, and conviction on various terrorism charges), for which she received the U.S. Attorney General's Exceptional Service Award, and in *U.S. v. Conor Claxton* (IRA operatives who purchased weapons in South Florida and smuggled them into Belfast, Northern Ireland during peace process negotiations).

Sarah Bloom Raskin, Rubenstein Fellow

Sarah Bloom Raskin served as the former Deputy Secretary of the U.S. Department of the Treasury, a position for which she was confirmed by the United States Senate, from March of 2014 to January of 2017. As the second-in-command of the United States Treasury, Deputy Secretary Raskin oversaw the entire Treasury Department and its various agencies and departments. Deputy Secretary Raskin is known for her tireless pursuit of innovative solutions to enhance American's shared prosperity, the resilience of our country's critical financial infrastructure, and the defense of consumer safeguards in the financial marketplace.



Neil Richards, Koch Distinguished Professor of Law

Neil Richards is one of the world's leading experts in privacy law, information law, and freedom of expression. He writes, teaches, and lectures about the regulation of the technologies powered by human information that are revolutionizing our society. Professor Richards holds the Thomas and Karole Green Chair in Law at Washington University School of Law, where he co-directs the Cordell Institute for Policy in Medicine & Law. He is also an affiliate scholar with the Stanford Center for Internet and Society and the Yale Information Society Project, a Fellow at the Center for Democracy and Technology, and a consultant and expert in privacy cases. Professor Richards serves on the board of the Future of Privacy Forum and is a member of the American Law Institute. Professor Richards graduated in 1997 with



graduate degrees in law and history from the University of Virginia, and served as a law clerk to both William H. Rehnquist, Chief Justice of the United States and Paul V. Niemeyer, United States Court of Appeals for the Fourth Circuit.

Kenneth S. Rogerson, Professor of the Practice in the Sanford School of Public Policy

Kenneth S. Rogerson is Professor of the Practice at Duke's Sanford School of Public Policy, and former Research Director of the DeWitt Wallace Center for Media and Democracy at Duke University. He is currently the Director of Graduate Studies for the Sanford Master's of Public Policy Program and the Director of Duke's Policy Journalism and Media Studies Certificate Program. He has served as chair of the American Political Science Association's Information Technology and Politics Section and the International Studies Association's International Communication Section. Rogerson earned a PhD in Political Science at the University of South Carolina, where his research focused on international relations, international communications and media policy



issues. In his dissertation, he examined the evolution of U.S. foreign information policy. He has a Masters of Arts degree in International Relations and a BA in Journalism and European Studies from Brigham Young University.

Jeramie Scott, National Security Counsel, Electronic Privacy Information Center

Jeramie D. Scott's work focuses on the privacy issues implicated by domestic surveillance programs with a particular focus on drones, cybersecurity, biometrics, and social media monitoring. Mr. Scott regularly litigates open government cases and cases arising under the Administrative Procedure Act.



Suzanne Shanahan, Director, Kenan Institute for Ethics

Suzanne Shanahan is Nannerl O. Keohane Director of the Kenan Institute for Ethics and Associate Research Professor in Sociology. Suzanne also directs the Kenan Refugee Project and DukeEngage Dublin. Her current research focuses on forced migration and moral responsibility. More specifically, Suzanne's work explores the impact of displacement on refugee well-being and moral boundaries before and after resettlement with particular focus on Bhutanese, Iraqi and Syrian refugees. This community-based research is a collaboration with communities both in the Middle East and with newcomer communities in North Carolina. Other work explores the dynamics of racial collective action in the United States and Europe. She is recipient of the Robert B. Cox Distinguished Teaching Award and the Dean's Distinguished Service Award. Suzanne received her PhD from Stanford University.



Jay Stanley, Senior Policy Analyst, ACLU

Jay Stanley (@JayCStanley) is senior policy analyst with the ACLU Speech, Privacy, and Technology Project, where he researches, writes and speaks about technology-related privacy and civil liberties issues and their future. He is the editor of the ACLU's Free Future blog and has authored and co-authored a variety of influential ACLU reports on privacy and technology topics. Before joining the ACLU, he was an analyst at the technology research firm Forrester, served as American politics editor of Facts on File's World News Digest, and as national newswire editor at Medialink. He is a graduate of Williams College and holds an M.A. in American History from the University of Virginia.



Shane T. Stansbury, Robinson Everett Distinguished Fellow in the Center for Law, Ethics, and National Security

Shane T. Stansbury is the Robinson Everett Distinguished Fellow in the Center for Law, Ethics, and National Security and a Senior Lecturing Fellow in Law. Shane served for more than eight years as Assistant United States Attorney in the Southern District of New York (SDNY), where he led some of the office's most sensitive and noteworthy prosecutions in the areas of terrorism, cybercrime, espionage, money laundering, international public corruption, and global weapons trafficking. Among Shane's many accomplishments at SDNY were the successful prosecutions of Alfonso Portillo, the former President of Guatemala, for money laundering relating to his



receipt of millions of dollars in bribery payments; Minh Quang Pham, a former associate of Anwar al-Awlaki and key operative for al Qaeda in the Arabian Peninsula (AQAP), for terrorism offenses; Xu Jiaqiang, for his theft of highly sensitive source code with the intent to benefit the Chinese government; and Rafael Garavito-Garcia, for his role in orchestrating an international weapons-and-narcotics trafficking scheme that extended to the highest levels of the Guinea Bissau government, including the head of the Armed Forces. Shane served in a number of other capacities at SDNY, including as Acting Deputy Chief of Appeals and as SDNY's representative in the Department of Justice's National Security Cyber Specialists Network, a group of prosecutors focusing on cyber threats to the national security. He is the recipient of numerous awards for his work as a prosecutor, including the Attorney General's Distinguished Service Award and the Federal Law Enforcement Foundation's Prosecutor of the Year Award.

Eliza Warner, Strategy Operations Coordinator, Jigsaw

Eliza Warner is a graduate of the class of 2016 with a degree in Political and a concentration on security, peace, and conflict, as well as a minor in Arabic. Since graduating Duke she worked at a digital creative agency, HYFN, in New York City, focusing on social media campaigns for technology companies. After working at HYFN she joined the Google/Alphabet company Jigsaw. Jigsaw is a non-profit tech incubator that works to answer: how can technology make the world a safer place? Eliza began work at Jigsaw as a community manager for an anti-censorship tool that worked to connect censored users to the open internet. She now



works on the strategy and operations team, helping to set strategy for the issues the company chooses to tackle and assists in the management of the internal operations of the company. In her free time Eliza volunteers research services to an organization, Talent Beyond Boundaries, which works to match skilled refugees with work opportunities around the world.

Helen Wong, Director of Fintech and Payments, Discover Financial Services Helen Wong is director of Fintech and Payments at Discover Financial Services. In this role, she provides strategic advice regarding payments and financial technology issues, including mobile payments and emerging payment and commerce platforms. Ms. Wong was previously an attorney at the Federal Trade Commission. Her work at the FTC focused on consumer protection enforcement actions involving financial technology issues, including mobile payments, crowd-funding, and cryptocurrencies. She has acted as the lead attorney on a number of cases, including the FTC's first Bitcoin-related case and the first crowdfunding case. Ms. Wong has spoken at numerous conferences



on these issues including the National Association of Attorney Generals' Conference, the DC Blockchain Summit, George Washington Law School Fintech Forum, and TEDx Northwestern. Prior to joining the FTC, she was an associate at the law firm of White & Case. She is a graduate of Northwestern University and Georgetown University Law Center.

Jonathan B. Wiener, William R. and Thomas L. Perkins Professor of Law Professor of Environmental Policy Professor of Public Policy

Jonathan B. Wiener is the William R. and Thomas L. Perkins Professor of Law at Duke Law School, Professor of Environmental Policy at the Nicholas School of the Environment, and Professor of Public Policy at the Sanford School of Public Policy, at Duke University. Since 2015 he is the Co-Director of the Rethinking Regulation program at Duke. From 2007-15 he served as the director of the JD-LLM Program in International and Comparative Law at Duke Law School. From 2000-05 he was the founding Faculty Director of the Duke Center for Environmental Solutions, now expanded into the Nicholas Institute for Environmental Policy



Solutions, of which he served as chair of the faculty advisory committee from 2007-10.