The National Academies of
SCIENCES • ENGINEERING • MEDICINE
COMMITTEE ON HUMAN RIGHTS

HUMAN RIGHTS AND DIGITAL TECHNOLOGIES

A WORKSHOP

SEPTEMBER 19, 2019

THE NATIONAL ACADEMY OF SCIENCES
2101 CONSTITUTION AVE, NW
WASHINGTON, DC

Human Rights & Digital Technologies: A Workshop

8:15-8:45 BREAKFAST/REGISTRATION

8:45-9:00 INTRODUCTION/OPENING REMARKS
Rebecca Everly, Director, Committee on Human Rights of the U.S. National Academies of Sciences, Engineering, and Medicine

9:00-11:00 DIGITAL TECHNOLOGIES, SOCIAL RIGHTS, AND INEQUALITY
Rediet Abebe, Junior Fellow, Harvard University; Co-Founder, Mechanism Design for Social Good (MD4SG)
Christiaan van Veen, Director, Digital Welfare State and Human Rights Project, Center for Human Rights and Global Justice, New York University School of Law; Special Advisor on New Technologies and Human Rights to the United Nations Special Rapporteur on Extreme Poverty and Human Rights

11:00-11:30 COFFEE/TEA BREAK

11:30-12:40 CITIZEN JOURNALISM AND CONTENT REGULATION
Alexa Koenig, Executive Director, Human Rights Center, University of California, Berkeley School of Law
Michael Elsanadi, Human Rights Center, University of California, Berkeley School of Law
Gisela Pérez de Acha, Human Rights Center, University of California, Berkeley School of Law

12:40-1:40 LUNCH

1:40-2:30 CITIZEN JOURNALISM AND CONTENT REGULATION (cont.)

2:30-4:30 DIGITAL SURVEILLANCE OF HUMAN RIGHTS DEFENDERS
Peter Micek, General Counsel, Access Now
Laura O'Brien, Policy Fellow, Access Now

4:30-4:45 WRAP UP/CLOSING REMARKS
Rebecca Everly
Martin Chalfie, University Professor, Columbia University; Chair, Committee on Human Rights of the U.S. National Academies of Sciences, Engineering, and Medicine

Speakers and Presenters

REDIET ABEBE

Rediet Abebe is a computer scientist with a strong interest in the promotion of equality and justice. Her research is in the fields of algorithms and AI, with a focus on improving access to opportunity for historically marginalized and underserved communities. As part of this research agenda, she co-founded and co-organizes Mechanism Design for Social Good (MD4SG), a multi-institutional, interdisciplinary research initiative, as well as Black in AI, an organization focused on increasing the presence and inclusion of Black individuals in AI. Abebe is currently a Junior Fellow at the Harvard Society of Fellows and a PhD candidate in computer science at Cornell University. She holds MS degrees from Cornell and Harvard as well as an MA from the University of Cambridge and a BA from Harvard College, both in mathematics. Abebe was recently named one of 35 Innovators Under 35 by the MIT Technology Review and honored in the Bloomberg 50 list as a "one to watch." Her work has been covered by outlets including Forbes, The Boston Globe, and The Washington Post, among others. Her research is deeply influenced by her upbringing in her hometown of Addis Ababa, Ethiopia, where she lived until moving to the U.S. in 2009.

MARTIN CHALFIE

Martin Chalfie is University Professor and former Chair of the Department of Biological Sciences at Columbia University. He is a member of the U.S. National Academy of Sciences and the U.S. National Academy of Medicine, where he chairs the Committee on Human Rights. He obtained both his AB and PhD from Harvard University and did his postdoctoral research at the MRC Laboratory of Molecular Biology in Cambridge, England. His research centers around the study of the genetic control of nerve cell development and function. He has taught at Columbia University since 1982. Chalfie is a fellow of the American Academy of Arts and Sciences, the American Association for the Advancement of Science, and the Royal Society of Chemistry (Hon.) and is a foreign member of the Royal Society. Chalfie has received numerous awards for his work including the 2008 Nobel Prize in Chemistry for his introduction of Green Fluorescent Protein (GFP) as a biological marker. Chalfie currently serves on the Executive Committee of the International Human Rights Network of Academies and Scholarly Societies.

MICHAEL ELSANADI

Michael Elsanadi is an independent researcher who specializes in open source investigations into conflict zones in the Middle East and North Africa. Fluent in Arabic with a background from the Middle East, he began his work in open source investigations at the University of California, Berkeley School of Law's Human Rights Center where his work and data on the conflict in Syria and the ongoing protests in Sudan have been published by the Syrian Archive as well as Physicians for Human Rights. Having received his BA from UC Berkeley, Elsanadi has been applying his skills in open source investigative techniques to better archive and preserve videos and images posted online by citizens within conflict zones. Alongside leading investigations at UC Berkeley's Human Rights Center for three years, Elsanadi is currently a researcher and investigator for the Syrian Archive and the Sudan Archive.

REBECCA EVERLY

Rebecca Everly is the Director of the Committee on Human Rights of the U.S. National Academies of Sciences, Engineering, and Medicine and is an international human rights lawyer. She serves as the Executive Director of the International Human Rights Network of Academies and Scholarly Societies, an international consortium of honorary scientific societies with a shared interest in human rights. Everly received her PhD from Cambridge University, where her research focused on the accountability of non-state actors for human rights abuses, and has a JD and LLM in International Law from Duke University. Her prior experience includes work for the International Development Law Organization (India), the Centre for Promotion of Human Rights Teaching and Research at Jawaharlal Nehru University (India), International Women's Rights Action Watch Asia Pacific (Malaysia), the Office of the High Representative (Bosnia and Herzegovina), and the U.S. State Department.

ALEXA KOENIG

Alexa Koenig is Executive Director of the Human Rights Center and a Lecturer-in-Residence at University of California, Berkeley School of Law, where she teaches classes on human rights and international criminal law. She also co-founded the Human Rights Investigations Lab, which trains students to use online research methods to support the work of investigative reporters, human rights organizations, and lawyers. She is co-chair of the World Economic Forum's Global Future Council on Human Rights and Technology, a member of the American Association for the Advancement of Science's Committee on Scientific Freedom and Responsibility, and a member of the Technology Advisory Board of the Office of the Prosecutor at the International Criminal Court. Koenig has won numerous honors and awards for her work, including the Mark Bingham Award for Excellence and the United Nations Association-SF's Global Human Rights Award. She holds a PhD from UC Berkeley's Jurisprudence and Social Policy Program and a JD, with a certificate in intellectual property and cyberlaw, from the University of San Francisco.

PETER MICEK

Peter Micek is General Counsel and Business & Human Rights Lead at Access Now, and Adjunct Professor at the Columbia University School of International and Public Affairs. Access Now is an international organization that defends and extends the digital rights of users at risk around the world. The organization runs the RightsCon Summit Series as well as a Digital Security Helpline, with staff in 14 countries. Micek leads global legal operations at Access Now and its business and human rights team, advocating for a more rights-respecting telecom and tech sector through transparency and accountability mechanisms. As a lecturer at Columbia University on internet governance, Micek explores how the human rights framework and multi-stakeholder processes shape communications policy in the digital age. He also sits on the Advisory Board of the University of Oklahoma College of Law's Center for International Business and Human Rights, and formerly the World Economic Forum's Global Future Council on the Future of Cybersecurity. A lawyer by training, he completed a JD cum laude at the University of San Francisco School of Law, and in 2010 published "A Genealogy of Home Visits," critiquing surveillance of at-risk communities, in U.S.F. Law Review. For five years, in his native San Francisco, Micek led youth and ethnic media development at New America Media, and was Web Editor at KALW's daily radio program Your Call. He studied political science and journalism at Northwestern University in Evanston, IL.

LAURA O'BRIEN

Laura O'Brien is a Policy Fellow at Access Now. She joined Access Now after completing her LLM at Columbia Law School, where she graduated with honors as a Harlan Fiske Stone Scholar and with a Parker School Certificate of Achievement in Foreign and Comparative Law. During her legal studies, O'Brien explored the pervasiveness of censorship–particularly of human rights defenders–in the digital realm and assisted the Columbia Law School Human Rights Clinic on issues related to business and human rights. She also holds a JD from the University of Ottawa, Faculty of Law and an MA in International Development from the University of Kent, Brussels School of International Studies. She has previously worked with human rights experts and international organizations based in Córdoba, New York, Geneva, Ottawa, and Toronto.

GISELA PEREZ DE ACHA

Gisela Pérez de Acha is a Mexican human rights lawyer and journalist who specializes in fighting misinformation and protecting freedom of expression in the digital environment. She leads cybersecurity at the University of California, Berkeley School of Law's Human Rights Center Lab, where she also conducts open source research of conflict zones in Latin America. Before attending UC Berkeley to get her MA at the Graduate School of Journalism, she worked at Derechos Digitales, a non-governmental organization where she researched algorithmic accountability and malware in Spanish-speaking countries. After the deadly earthquake that hit Mexico in 2017, she launched #Verificado19s: a citizen collective that verified information and provided digital tools for citizens to overcome the disaster. She was recently awarded a Fulbright scholarship and wishes to practice journalism in Mexico.

CHRISTIAAN VAN VEEN

Christiaan van Veen is an international human rights lawyer serving as Special Advisor on new technologies and human rights to the United Nations Special Rapporteur on extreme poverty and human rights. Van Veen is also the Director of the Digital Welfare State and Human Rights Project at the Center for Human Rights and Global Justice at New York University School of Law. Van Veen has extensive experience in the field of international human rights, having undertaken numerous human rights fact-finding missions around the world and researching issues such as the relevance of human rights for development and anti-poverty policies, the impact of austerity measures on human rights, and how new technologies affect the human rights of society's poorest members. His prior work experience includes working as an attorney for a top-tier law firm in the Netherlands, during which time he represented clients before domestic and European courts and administrative bodies in the fields of antitrust law, telecommunications regulation, media law, and EU law. He has also worked for the Ministry of Foreign Affairs of the Netherlands and the European Commission, where he was involved in litigation before the Court of Justice of the EU. Van Veen was also a consultant for the Office of the UN High Commissioner for Human Rights and an NYU International Finance and Development Fellow at the World Bank. Among his degrees are an MA in International and European Law from Utrecht University and an MA in International Legal Studies from New York University School of Law.

Participants

JOS BERENS

Jos Berens is Data Policy Officer at the United Nations Office for the Coordination of Humanitarian Affairs' (OCHA) Centre for Humanitarian Data in The Hague. The Centre's mission is to increase the use and impact of data in the humanitarian sector. The Data Policy work stream is focused on developing processes and practices for how OCHA handles data as the coordinator of humanitarian response. Prior to joining the Centre, Berens organized the International Data Responsibility Group from the Centre for Innovation at Leiden University. He has collaborated and published with various international organizations, universities, and think tanks. Berens' work revolves around the ethical and legal considerations associated with the use of digital data for crisis-affected people. Berens holds an LLM in Public International Law from Utrecht University and a BA in Philosophy of a Specific Discipline from Groningen University.
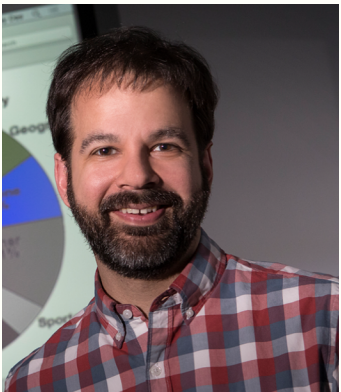
JESSIE BRUNNER

Jessie Brunner serves as Senior Program Manager of the WSD Handa Center for Human Rights and International Justice at Stanford University. Brunner primarily researches issues relevant to data collection in the human trafficking field, with a focus on Southeast Asia, and also works more generally at the nexus of technology and human rights. She is a member of Knowledge Platform Reference Group of Alliance 8.7, which helps set the United Nations agenda on Sustainable Development Goal 8.7 related to human trafficking and forced labor, and she has authored multiple publications on utilizing data to evaluate the extent of human trafficking in Southeast Asia. Brunner has previously served as a researcher at Stanford's Center on Democracy, Development, and the Rule of Law's Program on Human Rights; a Public Affairs Assistant at the State Department in the Bureau on Democracy, Human Rights, and Labor; and a reporter for Los Angeles Times Community News. In addition, she has served as a trial monitor at the Extraordinary Chambers in the Courts of Cambodia and has worked on human rights and post-conflict reconciliation around the world. Brunner holds a MA in International Policy from Stanford University and a BA in Mass Communications from the University of California, Berkeley.

MARK CHANDLER

Mark Chandler is Executive Vice President and Chief Legal Officer of Cisco and is also Cisco's Chief Compliance Officer. In these roles, he oversees Cisco's global legal activities and policies, as well as ethics, compliance and regulatory affairs, employee relations, investigations, and brand protection. He has been General Counsel since 2001. Previously, he was Managing Attorney for the Europe, Middle East, and Africa region, based in Paris. A primary part of his focus is developing solutions to simplify the support for Cisco's sales and services transactions, including process automation and anticipation of future transactional needs. Chandler joined Cisco in 1996, when Cisco acquired StrataCom, Inc., where he had been general counsel. Prior to StrataCom, he served for six years as vice president of corporate development and general counsel for Maxtor Corporation, a Fortune 500 hard disk drive manufacturer. In spring 2016, he was a Lecturer in Law at Stanford Law School. In 2010, The National Law Journal named him one of the 40 Most Influential Lawyers of the Decade, and, in 2013, American Lawyer numbered him among the Top 50 Big Law Innovators of the Last 50 Years. In 2018, he received the Burton Legends in Law Award. Chandler received a JD degree from Stanford Law School in 1981 and a BA degree in economics from Harvard College in 1978.

SANMAY DAS

Sanmay Das is an associate professor in Computer Science and Engineering and the chair of the steering committee of the newly formed Division of Computational and Data Sciences at Washington University in St. Louis. He is chair of the ACM Special Interest Group on Artificial Intelligence, a member of the board of directors of the International Foundation for Autonomous Agents and Multiagent Systems, and serves as an associate editor of the ACM Transactions on Economics and Computation and of the Journal of Artificial Intelligence Research. He has been recognized with awards for research and teaching, including an NSF CAREER Award and the Department Chair Award for Outstanding Teaching at Washington University. Das has broad interests across AI, machine learning, and computational social science. His research interests are in designing effective algorithms for agents in complex, uncertain environments and on understanding the social or collective outcomes of individual behavior. His recent work focuses on algorithmic allocation of scarce societal resources, with an eye towards the distributive justice implications of different policies and mechanisms.

RON DEIBERT

Ron Deibert is Professor of Political Science and Director of the Citizen Lab at the Munk School of Global Affairs & Public Policy, University of Toronto. The Citizen Lab is an interdisciplinary laboratory focusing on research, development, and high-level strategic policy and legal engagement at the intersection of information and communication technologies, human rights, and global security. Deibert was one of the founders and former Vice President of global policy and outreach for Psiphon, one of the world's leading digital censorship circumvention services. He has published numerous articles, chapters, and books on issues related to technology, media, and world politics, including landmark reports documenting major global cyber espionage networks. Deibert presently serves on the editorial boards of numerous journals and is currently on the advisory boards of PEN Canada and the Design4Democracy Coalition, the technical advisory groups of Amnesty International and Human Rights Watch, and the Steering Committee of the World Movement for Democracy. He holds a PhD from the University of British Columbia.

BRIAN DOOLEY

Brian Dooley is Senior Advisor at Human Rights First and a Visiting Scholar at Fordham University School of Law. He works with Human Rights Defenders in the Middle East and elsewhere to promote their physical and digital security and serves on the advisory board of the Gulf Centre for Human Rights. Recent research includes ISIS recruitment in Egyptian prisons and the targeting of human rights activists in the Gulf. Dooley is currently banned from several Gulf countries because of his human rights work. He holds a PhD from the University of East Anglia on the history of civil rights movements and has published extensively on issues concerning Human Rights Defenders, including in such publications as Foreign Affairs, Foreign Policy, and The Washington Post.

ELSA MARIE D'SILVA

Elsa Marie D'Silva is the Founder and CEO of Red Dot Foundation and President of Red Dot Foundation Global (Safecity). Safecity is an online platform that documents sexual harassment and abuse in public spaces by aggregating crowd-sourced data as hot spots on a map that indicates local level trends of sexual harassment. D'Silva worked in the aviation industry for 20 years before leaving the industry in 2013 to pursue a career focused on women's empowerment and youth and technology. She is an Open Space Technology Facilitator and has led workshops on topics such as utilizing Twitter for Social Good. D'Silva completed a management program on corporate social responsibility and sustainability in business at the Swedish Institute. She has received numerous awards, including the Global Thinkers Forum's Award for Excellence in Women's Empowerment, the Government of India's Niti Aayog's Women Transforming India Award, and the Google #SMBHeroes Award in the Digital Impact Category. As a Fellow at the National Endowment for Democracy, D'Silva worked on a handbook concerning the power of digital technology in addressing gender-based violence around the world.

CYNTHIA DWORK

Cynthia Dwork, the Gordon McKay Professor of Computer Science at the John A. Paulson School of Engineering and Applied Sciences at Harvard University, the Radcliffe Alumnae Professor at the Radcliffe Institute for Advanced Study, and an Affiliated Faculty Member at Harvard Law School, is renowned for placing privacy-preserving data analysis on a mathematically rigorous foundation. A cornerstone of this work is the invention of differential privacy, a strong privacy guarantee now used widely in industry and to provide disclosure control in the upcoming 2020 decennial census. With seminal contributions in cryptography, distributed computing, and statistical validity, her most recent focus is on algorithmic fairness. Dwork is a member of the U.S. National Academy of Sciences, the U.S. National Academy of Engineering, and the American Philosophical Society and is a Fellow of the American Academy of Arts and Sciences and of the ACM.

SHAZA ELMAHDI

Shaza Elmahdi is a Sudanese-American physician and human rights activist. She is currently a member of the Preliminary Committee of the Sudanese American Physicians Association (SAPA) and has more than a decade of experience in public health, monitoring and evaluation research, advocacy, and human rights., Her experiences include leading an initiative for providing digital security awareness and technical support for Sudanese activists during the recent revolution, including through collaborative efforts with AMEL Project to provide security devices for activists across the globe. She earned her MD from the University of Khartoum, as well as a graduate degree from the Milken Institute School of Public Health at The George Washington University. She is involved with a variety of human rights activities, including a current initiative to document and report on human rights violations against medical staff. She has previously done advocacy work in conjunction with Physicians for Human Rights and has written for a number of newspapers in English and Arabic.
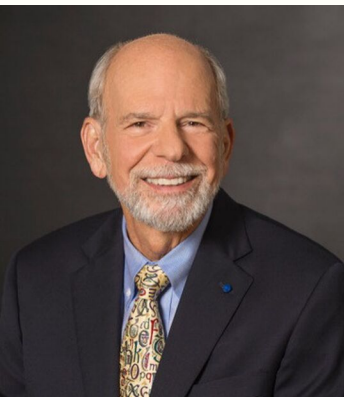

KEITH HIATT

Keith Hiatt leads the Information Systems Management Section at the United Nations International, Impartial, and Independent Mechanism for Syria. He is also a Research Fellow at Stanford University's Handa Center for Human Rights and International Justice. Prior to joining the United Nations, Hiatt was a Vice President at Benetech and a Program Director at the Human Rights Center at the University of California, Berkeley School of Law. Hiatt serves as an advisor on matters of technology, law, and human rights to the Office of the Prosecutor of the International Criminal Court and the Organization for Security and Cooperation in Europe. He holds a BA from the University of Washington, Seattle and a JD from the University of California, Berkeley. Prior to attending law school, Hiatt worked as a software engineer for Microsoft and an applied technology specialist at Boeing.

TANYA KARANASIOS

Tanya Karanasios is the Deputy Program Director at WITNESS. She has previously served as the Program Director of the Coalition for the International Criminal Court, a staff lawyer with the Human Rights Chamber in Bosnia and Herzegovina, and head of the Ombudsperson Unit in the Human Rights and Rule of Law Division of the Organization for Security and Cooperation in Kosovo. She also worked to help establish the International Criminal Court at Human Rights Watch and Parliamentarians for Global Action and worked with the UN Office for Coordination of Humanitarian Affairs on the protection of civilians in armed conflict. Karanasios holds a JD in international human rights law from University of New Hampshire.

JOHN KASSAKIAN

John Kassakian is Professor Emeritus of electrical engineering at the Massachusetts Institute of Technology (MIT), and former director of the MIT laboratory for electromagnetic and electronic systems. Dr. Kassakian was the founding president of the Institute of Electrical and Electronic Engineers (IEEE) Power Electronics Society and served as the U.S. representative to the European Power Electronics Association. He is the recipient of the IEEE Centennial Medal, the IEEE William E. Newell Award, the IEEE Power Electronics Society's Distinguished Service Award, the IEEE Millennium Medal, the European Power Electronics Association Achievement Award, and the Kabakjian Science Award. He is a fellow of the IEEE and is a co-author of the textbook Principles of Power Electronics. He is a member of the U.S. National Academy of Engineering, where he has served on the Committee on Human Rights since 2006.

JAIME LEE KIRTZ

Jaime Lee Kirtz is a Digital Democracies Group postdoctoral fellow and is interested in developing interdisciplinary and critical research that engages with questions about the ubiquity of digital technology, the emergence of algorithmic bias, and ways in which media and technology consistently affect knowledge production and social equality. In 2019, she obtained her PhD in Media Studies from the University of Colorado Boulder, and her dissertation addressed problems of concealment and exclusion in modern technoculture, primarily the material-discursive practices of gender with which technology is embedded within and also encodes.

ULRICH MANS

Ulrich Mans is the Senior Advisor for Innovation, Science and Technology at the Netherlands Ministry of Economic Affairs and Climate Policy. He has 15 years of professional experience in international relations and conflict management. Prior to his work with the Netherlands Ministry, he served as the Political and Legal Advisor at the European Union Delegation in the United States. His portfolio at the EU included Humanitarian Response, Human Rights and UN Affairs. He also worked at Leiden University's Centre for Innovation, with a focus on digital innovation in the field of peace, justice and humanitarian response. Mans is co-founder of HumanityX, a university-led interdisciplinary support team for NGOs and UN agencies to initiate innovation trajectories through digital technologies. He has previously worked for various organizations in the wider international relations sector, including the Clingendael Institute of International Relations, the Netherlands Ministry of Foreign Affairs, the Hague Centre for Strategic Studies (HCSS), the United National Environmental Programme (UNEP), the Life and Peace Institute in Sudan, and the Institute for Advanced Sustainability Studies (IASS). He is board member of various NGOs working on digital innovation for good; and he is member of the International Criminal Court's Technology Advisory Board. Mans holds a PhD in Environmental Science from the University of Amsterdam and an MA in International Development Studies from Radboud University Nijmegen.

FÉLIM MCMAHON

Félim McMahon is a specialist in online open source investigations. He previously served as the Technology and Human Rights Program Director at the Human Rights Center at the University of California, Berkeley School of Law, and Director of its Human Rights Investigations Lab, which trains students to use social media and other open source content for human rights advocacy and legal accountability. McMahon was previously a journalist in Ireland and was part of a small team that established Storyful, the world's first social media news agency. He has specialized in the discovery and verification of information from online open sources, and he now focuses on applying those same approaches to legal accountability processes. He holds an MA in International Relations from Dublin City University.

LYNETTE MILLETT

Lynette Millett is Director of the Forum on Cyber Resilience and Associate Director of the Computer Science and Telecommunications Board at the National Academies of Sciences, Engineering, and Medicine. Millett has extensive experience as program manager, team leader, analyst, researcher, and writer with specific expertise in information technology policy. She is skilled in working with diverse and expert work groups and since 2000 has been developing, directing, and overseeing National Academies teams of national experts examining public policy issues related broadly to information technology, computing, security, software, and communications. Her portfolio at the Academies includes a suite of studies on computing research; several examinations of government IT and infrastructure needs; and in-depth explorations of privacy, identity, and cybersecurity. She has a MSc in computer science from Cornell University, where her work was supported by graduate fellowships from the National Science Foundation and the Intel Corporation, and a BA in mathematics and computer science from Colby College, where she was elected to Phi Beta Kappa.

SHABNAM MOJTAHEDI

Shabnam Mojtahedi is a Senior Program Manager in Benetech's Human Rights Program, where she leads efforts to apply artificial intelligence to help civil society organizations pursue justice and accountability in Syria and beyond. Mojtahedi is a lawyer specializing in rule of law and human rights in the Middle East and North Africa region. Prior to joining Benetech, she was the Legal and Strategy Analyst for the Syria Justice and Accountability Centre (SJAC) where she developed policies, reports, and methodologies for SJAC's documentation, data analysis, and transitional justice work. At SJAC, she led efforts to ethically document cases of sexual and gender-based violence and assessed how new technologies and social media can assist in the documentation and analysis of human rights violations. Previously, she was an adjunct law professor at Yeditepe University in Istanbul and a senior researcher with the Public International Law & Policy Group. She holds a JD from American University's Washington College of Law.

DARAGH MURRAY

Daragh Murray is a Senior Lecturer at the University of Essex School of Law & Human Rights Centre, and Deputy Workstream Lead on the Human Rights, Big Data & Technology Project. He specializes in international human rights law and the law of armed conflict, and his research focuses on issues relating to AI & technology (particularly in a law enforcement and intelligence agency context), conflict, and counterterrorism. He recently conducted an independent report on the London Metropolitan Police's trials of live facial recognition technology and is the co-editor of Digital Witness: Using Open Source Information for Human Rights Investigation, Documentation and Accountability (OUP, 2019, forthcoming). Previous publications include Human Rights Obligations of Non-State Armed Groups (Hart, 2016) and, in conjunction with Dapo Akande, Charles Garraway, Francoise Hampson, Noam Lubell, and Elizabeth Wilmshurst, the Practitioners Guide to Human Rights Law in Armed Conflict (OUP, 2016).

AAMOD OMPRAKASH

Aamod Omprakash is a career diplomat at the U.S. Department of State. He currently works at the Bureau of Democracy, Human Rights, and Labor (DRL), where he leads efforts to engage on Artificial Intelligence, Emerging Technology, and Human Rights. Previously, he worked at the U.S. Consulate General in Guangzhou, China, where he reported on the information and communications technology sector and engaged with local government and the private sector to improve intellectual property protections and the business climate. He also worked at the U.S. Embassy in Moscow, Russia, where he covered anti-corruption and industrial policy, and led small business policy cooperation. His first posting was at the U.S. Consulate General Tijuana, Mexico, where he conducted visa interviews and assisted U.S. citizens in distress. He has a BA and MA in Economics from the City University of New York, Hunter College.

DANI POOLE

Dani Poole is a Postdoctoral Fellow at the Harvard Humanitarian Initiative and Lecturer at Dartmouth College. Poole's research generates evidence to improve health in humanitarian settings. Her research leverages epidemiologic, spatial, and rights-based approaches in partnership with implementing organizations to measure and respond to the needs of populations affected by crises. She collaborates with colleagues in Greece, Italy, Kenya, The Netherlands, South Africa, Turkey, and the U.S., among other countries. Poole's research includes 1) evaluations of the intersection of technology and wellbeing, 2) optimizing screening for mental health disorders, and 3) adapting interventions for humanitarian settings. She currently leads research on technology-enabled gender-based violence for the United States Agency for International Development and recently completed a post at the United Nations Office for the Coordination of Humanitarian Affairs. Poole holds a ScD from the Harvard T.H. Chan School of Public Health and a MPH from Brown University.

NATHANIEL RAYMOND

Nathaniel Raymond is a Lecturer at the Jackson Institute for Global Affairs at Yale University. His research interests focus on the human rights and human security implications of information communication technologies (ICTs) for vulnerable populations, particularly in the context of armed conflict. He was the founding Director of the Signal Program on Human Security and Technology at the Harvard Humanitarian Initiative (HHI) of the Harvard T.H. Chan School of Public Health. He was Director of Operations for the George Clooney-founded Satellite Sentinel Project at HHI, which utilized high-resolution satellite imagery to detect and document attacks on civilians in Sudan and South Sudan. He served as Director of the Campaign Against Torture at Physicians for Human Rights. He has also worked as a humanitarian aid worker with Oxfam America and conducted joint research with UN agencies into the role of ICTs and digital data, including remote sensing, in improving the protection of civilian populations and the delivery of humanitarian assistance. He served as a consultant in early warning of mass atrocities to the UN Department of Peacekeeping Operations in South Sudan, and he was a 2013 Poptech Social Innovation Fellow, a 2010 Rockwood Leadership Human Rights and National Security Reform Fellow, and a co-recipient of the 2012 U.S. Geospatial Intelligence Foundation Industry Intelligence Achievement Award.

RASHIDA RICHARDSON

Rashida Richardson is Director of Policy Research at New York University's AI Now Institute, where she designs, implements, and coordinates AI Now's research strategy and initiatives on the topics of law, policy, and civil rights. She previously worked as Legislative Counsel at the New York Civil Liberties Union (NYCLU), the New York state affiliate of the American Civil Liberties Union, where she led the organization's work on privacy, technology, surveillance, and education issues. Prior to the NYCLU, she was a staff attorney at the Center for HIV Law and Policy, where she worked on a wide-range of HIV-related legal and policy issues nationally. She has also worked at Facebook Inc. and HIP Investor in San Francisco. Richardson currently serves on the Advisory Board of the Civil Rights and Restorative Justice Project, the Board of Directors of the College & Community Fellowship, and the Board of Trustees of Wesleyan University. She holds a JD from Northeastern University School of Law and a BA with honors in the College of Social Studies from Wesleyan University.

KATIE SHAY

Katie Shay leads Cisco's efforts in the area of business and human rights, working to identify innovative solutions to new human rights challenges and integrating human rights attention into legal and business operations. She works closely with product, policy, and legal teams across the company to develop and implement human rights policies and to design processes for ensuring respect for human rights in all aspects of business. Prior to joining Cisco, Shay served as Business and Human Rights Counsel at Yahoo/Oath (now Verizon Media), where she managed human rights programs related to privacy and freedom of expression across the global business and represented Yahoo/Oath on the Board of the Global Network Initiative. She serves as a member of the Advisory Board to the International Business & Human Rights Center at the Oklahoma University College of Law and has served as a member of the Stakeholder Advisory Board to the United States National Contact Point for the OECD Guidelines for Multinational Enterprises. She earned her JD from Georgetown University Law Center and her BA from Marquette University.

TENG BIAO

Teng Biao is an academic lawyer, currently Grover Human Rights Scholar at Hunter College, and a visiting fellow at the U.S-Asia Law Institute, New York University. He had previously been a lecturer at the China University of Politics and Law (Beijing) and a visiting scholar at Yale University and Harvard Law School. Teng's research focuses on criminal justice, human rights, social movements, and political transition in China. Teng defended cases involving freedom of expression, religious freedom, the death penalty, Tibetans, and Uyghurs. He co-founded two human rights NGOs in Beijing–the Open Constitution Initiative and China Against the Death Penalty, in 2003 and 2010 respectively. He is one of the earliest promoters of the Rights Defense Movement in China and has received various international human rights awards including the Human Rights Prize of the French Republic (2007).

JESSICA WYNDHAM

Jessica Wyndham is Director of the Scientific Responsibility, Human Rights and Law Program of the American Association for the Advancement of Science (AAAS). Most recently she has led the development of a cross-organizational initiative to address the ethical, legal and social implications of artificial intelligence. Her areas of expertise include the intersections of science, technology, human rights and ethics, the social responsibilities of scientists and engineers, and the role of professional scientific, engineering and health societies in the promotion and protection of human rights. She has managed projects throughout Asia, the Pacific, Africa and the Americas, including for the Internal Displacement Project of the Brookings Institution, the UN Office of the High Commissioner for Human Rights, and as a consultant to the Asia Pacific Forum. She has been published in various journals including the European Journal of Human Rights, Forced Migration Review, Human Rights Brief, Journal of Empirical Research on Human Research Ethics, Mechanical Engineering, Science, and Science and Engineering Ethics. A human rights lawyer by training, Jessica holds a BA (Hons.)/LLB (Hons.) (JD equivalent) from the Australian National University and an LLM from the University of New South Wales. She is currently pursuing an MBA (social impact).

KEONG MIN YOON

Keong Min Yoon is a lawyer in the Legal Vice Presidency of the World Bank. Since joining the World Bank, he has worked on legal issues related to technologies and the internet, on data protection, open source software licensing, drone technology, artificial intelligence, blockchain, cybercrime, and cybersecurity for World Bank operations. Yoon is a graduate of Emory University School of Law and the University of Tennessee.

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