

US-China Relations: Cyber and Technology Conference

PARTICIPANT BIOGRAPHIES

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HOOVER INSTITUTION, STANFORD UNIVERSITY

Tom Berson, a cryptographer, defines cryptography as the deep study of trust and betrayal. He has spent his career working both the defensive and the offensive sides of the information security battle. He is especially attracted to the security issues that arise at the intersection of technology, business, human behavior, and world events. He is the founder of Anagram Laboratories, an affiliate at Stanford's Center for International Security and Cooperation, and chief security adviser at Salesforce.com, where he convenes its Cyber Policy Working Group. Berson is a student of Sun Tzu's *Art of War* and its applicability to modern information conflict. He has visited China some twenty times. He earned a BS in physics from the State University of New York and a PhD in computer science from the University of London. He is a fellow of the International Association for Cryptologic Research and a life member of Clare Hall, Cambridge. Berson's Erdős Number is 2; his amateur radio call sign is ND2T.

Michael Brown is a White House Presidential Innovation Fellow working with DIUx. Through August of 2016, he was the CEO of Symantec Corporation, the global leader in cybersecurity. During his tenure as CEO (2014-16), he led a turnaround as the company developed a new strategy focused on its security business, sold its Veritas business, hired a new executive team, formed business units, improved operating margins and articulated a new culture fostering innovation. Brown served on the Symantec Board from 2005 until 2016. Brown is also the former chairman and CEO of Quantum Corporation (1995-2003), a leader in the computer storage industry specializing in backup and archiving products. During his tenure as CEO of Quantum, which he first joined in 1984, the company achieved record revenues as the world's leader in disk drives for PCs and the world's largest tape drive business. Michael served on the Quantum Board from 1995 until 2014. Michael has served as the chairman of EqualLogic and Line 6 and has served on the public boards of Nektar Therapeutics, Maxtor Corporation, and Digital Impact. He serves on the Board of Trustees of the Berklee College of Music in Boston. He has a BA in economics from Harvard and an MBA from Stanford University.

Amy Chang is an affiliate with the Belfer Center's Cyber Security Project at the Harvard Kennedy School. Her current research examines cyber security and technology policy issues, US-China relations, US foreign and national security policy, and Asia international relations. She was recently a consultant at the Asia Group (TAG), a strategic advisory firm focused on the Asia-Pacific. Chang previously served as the staff director of the Asia and the Pacific Subcommittee at the US House of Representatives Committee on Foreign Affairs and the Norman R. Augustine Research Associate in the Technology & National Security Program at the Center for a New American Security; she has also worked at the Albright Stonebridge Group, Defense Group, the US-China Economic and Security Review Commission, the Project 2049 Institute, and the Council on Foreign Relations. Chang has authored several salient reports on China and Asian strategic and

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defense issues, including *Warring State: China's Cybersecurity Strategy*. She has appeared in numerous publications and media, including the *New York Times*, NPR, Politico, the *San Francisco Chronicle*, and others. Chang is a graduate of Harvard University's John F. Kennedy School of Government and Brown University. Chang is also an officer in the US Navy Reserve and a fellow with the Truman National Security Project. She was a Fulbright Scholar in China and is bilingual in Mandarin Chinese.

Jane Chong is national security law and research associate at the Hoover Institution and deputy managing editor of *Lawfare*. She recently served as a clerk for the Honorable Cheryl A. Krause of the US Court of Appeals for the Third Circuit and is a graduate of Duke University and Yale Law School, where she received the Israel H. Peres Prize for her *Yale Law Journal* note on targeted killings. Her work on software liability appears in the recently published volume *Cyber Insecurity: Navigating the Perils of the Next Information Age* (2016), and she is a coauthor of a forthcoming book on the limits of the Tallinn Manual.

Zack Cooper is a fellow at the Center for Strategic and International Studies (CSIS), where he focuses on Asian security issues. Cooper previously served on the White House staff as assistant to the deputy national security adviser for combating terrorism. He also worked as a civil servant in the Pentagon, including as special assistant to the principal deputy undersecretary of defense for policy. He also worked as a research fellow at the Center for Strategic and Budgetary Assessments. He is the editor, with Michael Green, of *Postwar Japan* (Rowman & Littlefield, 2017) and *Strategic Japan* (2015). He has authored numerous studies at CSIS, including a forthcoming report on "Countering Coercion in Maritime Asia: The Theory and Practice of Gray Zone Deterrence." His work has been published in *International Security*, *Security Studies*, the *Washington Quarterly*, the *National Interest*, and elsewhere. Cooper received a BA from Stanford University and an MPA, MA, and PhD from Princeton University.

Fiona Cunningham is a PhD candidate in the department of political science and member of the Security Studies Program at the Massachusetts Institute of Technology (MIT). In 2015-16 she was a dissertation research fellow at the Renmin University of China, Beijing. Her dissertation project examines military strategy in the nuclear, space, and cyber domains, with a focus on China. Her research on China's nuclear strategy has been published in the quarterly journal *International Security*. Fiona holds a BA in politics and international relations from the University of New South Wales and a bachelor of laws from the University of Sydney, both with first-class honors. Before MIT, Fiona was a research associate in nuclear policy at the Lowy Institute for International Policy in Sydney, where she focused on extended nuclear deterrence in East Asia and nuclear nonproliferation. She speaks Mandarin Chinese and French.



Kristen Eichensehr is an assistant professor of law at the University of Los Angeles's (UCLA) School of Law. She writes and teaches about foreign relations, separation of powers, cyber security, and national security law. Before joining the UCLA faculty, Eichensehr clerked for Chief Judge Merrick B. Garland of the US Court of Appeals for the DC Circuit and for Justices Sandra Day O'Connor and Sonia Sotomayor of the United States Supreme Court. Eichensehr also served as special assistant to the legal adviser of the US Department of State and practiced at Covington & Burling LLP in Washington, DC, where she specialized in appellate litigation, international and national security law, and cyber security issues. Eichensehr received her JD from Yale Law School, where she served as executive editor of the *Yale Law Journal* and an articles editor of the *Yale Journal of International Law*. Eichensehr is a term member of the Council on Foreign Relations, a former visiting fellow at the Hoover Institution, and an affiliate scholar at the Center for Internet and Society at Stanford Law School. She is a frequent contributor to and member of the editorial board of the national security blog *Just Security*.

Chris Finan is CEO and cofounder of Manifold Technology, a Silicon Valley-based start-up and provider of block-chain-enabled data control and auditing technology for complex data privacy requirements. At Manifold, Finan has focused on building a world-class team and helping businesses leverage public cloud infrastructure while addressing complex data privacy requirements. He previously led business development for Imperium, a cyber security start-up that was acquired by Google. Prior to that, Finan was the product director for Plan X, a Department of Defense cyber warfare research and development program at the Defense Advanced Research Projects Agency (DARPA). Finan served in the Obama administration as the director of Cybersecurity Legislation and Policy on the National Security Council staff in the White House. Finan began his career in the US Air Force as a pilot and intelligence officer, including a tour in Iraq, where he worked as an intelligence officer and counterterrorism liaison to the Iraqi government.

Thomas Fingar is a Shorenstein APARC Fellow in the Freeman Spogli Institute for International Studies at Stanford University. He was the inaugural Oksenberg-Rohlen Distinguished Fellow in 2010-15 and the Payne Distinguished Lecturer at Stanford in 2009. From 2005 through 2008, he served as the first deputy director of National Intelligence for Analysis and, concurrently, as chairman of the National Intelligence Council. Fingar served previously as assistant secretary of the State Department's Bureau of Intelligence and Research (2004-5), principal deputy assistant secretary (2001-3), deputy assistant secretary for analysis (1994-2000), director of the Office of Analysis for East Asia and the Pacific (1989-94), and chief of the China Division (1986-89). Between 1975 and 1986 he held a number of positions at Stanford University, including senior research associate at the Center for International Security and Arms Control. Fingar is a graduate of Cornell University (AB in government and history, 1968) and Stanford University (MA, 1969 and PhD, 1977, both in political science). His most recent books are *Reducing Uncertainty: Intelligence Analysis and National Security* (Stanford University Press, 2011), *The New*



Great Game: China and South and Central Asia in the Era of Reform, editor (Stanford, 2016), and *Uneasy Partnerships: China and Japan, the Koreans, and Russia in the Era of Reform* (Stanford, 2017).

Sheila Flynn currently serves as a senior adviser to the coordinator for cyber issues at the US Department of State. She is responsible for the office's work in East Asia, including developing strategic engagement on cyber policy with China, Japan, and South Korea. She also supports US involvement in negotiations at the United Nations on the national security, military, and political dimensions of cyberspace. Prior to that role, Flynn worked on East Asia internet policy in the State Department's Economic Bureau. She has a master's degree in international relations from the University of Denver and an undergraduate degree in geography from the University of Maryland.

Mei Gechlik is founder and director of the China Guiding Cases Project (CGCP). Formerly a tenured professor in Hong Kong, she founded the CGCP in February 2011. With support from an international team of nearly two hundred members and an advisory board of approximately fifty distinguished experts, including justices from the US Supreme Court and the Supreme People's Court, the CGCP has quickly become the premier source of high-quality translations and analyses of guiding cases, China's de facto binding precedents. In November 2016, the CGCP launched its Belt and Road series to track the development of China's Belt and Road Initiative and discuss its implications for governance in China and beyond. The CGCP has presented at various notable forums, including the World Bank, the Open Government Partnership Global Summit, and a US-China Legal Exchange Conference. From 2001 to 2005, Gechlik worked for the Carnegie Endowment for International Peace, a Washington DC-based think tank, testifying before the US Congress on various topics about China and advising the United Nations and the Chinese government on implementing rule-of-law programs. Gechlik has been admitted as a barrister in England, Wales, and Hong Kong and is a member of the bar in New York and the District of Columbia. She received an MBA in finance from the Wharton School at the University of Pennsylvania and a doctor of science of law from Stanford Law School.

Will Glass is a senior analyst and research director for FireEye's Horizons team that conducts strategic forecasting to anticipate risks posed by emerging technologies and geopolitical developments. He serves as a China subject matter expert for FireEye and has written extensively on topics including cyber conflict, strategic and operational doctrine, connected vehicles, and smart cities. He is also a frequent public speaker on evolving challenges at the intersection of geopolitics and cyberspace. Before joining FireEye in 2015, Glass spent more than six years working on cyber security and intelligence issues in a variety of assignments in the US Defense Department, private industry, and nonprofit communities.



Jack Goldsmith is the Henry L. Shattuck Professor at Harvard Law School, cofounder of *Lawfare*, a senior fellow at the Hoover Institution, and cochair of its Working Group on National Security, Technology, and Law. He teaches and writes about national security law, presidential power, cyber security, international law, internet law, foreign relations law, and conflict of laws. Goldsmith served as assistant attorney general, Office of Legal Counsel, from 2003 to 2004 and special counsel to the Department of Defense from 2002 to 2003.

Duncan B. Hollis is James E. Beasley Professor of Law at Temple University Law School. He is editor of the award-winning *Oxford Guide to Treaties* (Oxford University Press, 2012) as well as a series of articles on securing cyberspace, including (with Martha Finnemore) "Constructing Norms for Global Cybersecurity," *American Journal of International Law* (2016). He is part of a team headed by research scientists from the Massachusetts Institute of Technology's Computer Science and Artificial Intelligence Laboratory that was awarded a US Department of Defense Minerva Grant for interdisciplinary analysis of norms and governance in cyberspace. A former attorney-adviser at the US Department of State, Hollis is a nonresident scholar at the Carnegie Endowment for International Peace, an elected member of the American Law Institute, and a member of the Executive Council of the American Society of International Law. He was recently elected by the General Assembly of the Organization of American States to serve on the Inter-American Juridical Committee, where he hopes to promote new opportunities for regulating cyber threats in the Americas.

Julian Ku is the Maurice A. Deane Distinguished Professor of Constitutional Law at Hofstra University's School of Law. Ku's primary research interest is the relationship of international law to domestic law and policy. He has also conducted research on a wide range of topics, including international dispute resolution, international criminal law, and China's relationship with international law. He is the coauthor, with John Yoo, of *Taming Globalization: International Law, the U.S. Constitution, and the New World Order* (Oxford University Press 2012). He has also published more than forty law review articles, book chapters, symposia contributions, and essays. He has given dozens of academic lectures and workshops at major universities and conferences in the United States, Europe, and Asia. He cofounded the leading international law blog *Opinio Juris*, which is read daily by thousands worldwide. He is also a contributing editor to *Lawfare*, a leading blog analyzing national security issues. His essays and op-eds have been published in major news publications such as the *Wall Street Journal*, the *Los Angeles Times* and *NYTimes.com*. He is a member of the American Law Institute and the New York Bar. He is a graduate of Yale College and Yale Law School.

Herb Lin is a senior research scholar for cyber policy and security at the Center for International Security and Cooperation and the Hank J. Holland Fellow in Cyber Policy and Security at the Hoover Institution, both at Stanford University. His research interests relate broadly to policy-related dimensions of cyber security and cyberspace; he is particularly interested in and knowledgeable about the use of offensive operations in



cyberspace, especially as instruments of national policy. In addition to his positions at Stanford University, he is chief scientist emeritus for the Computer Science and Telecommunications Board, National Research Council (NRC) of the National Academies, where he served from 1990 through 2014 as study director of major projects on public policy and information technology; adjunct senior research scholar and senior fellow in cyber security (not in residence) at the Saltzman Institute for War and Peace Studies in the School for International and Public Affairs at Columbia University; and a member of the Science and Security Board of the *Bulletin of Atomic Scientists*. He recently served on President Obama's Commission on Enhancing National Cybersecurity. Prior to his NRC service, he was a professional staff member and staff scientist for the House Armed Services Committee (1986-90), where his portfolio included defense policy and arms control issues. He received his doctorate in physics from the Massachusetts Institute of Technology.

Jie Lin is chairperson and head of Government Relations of Akamai China and acts as the liaison between Akamai and various government agencies in China. She has been working to foster healthy professional relationships with potential businesses and internal stakeholders in China since 2006. Lin was recently awarded the China Economic New Leader Character Award from the *China Economic Herald* for her excellent work in spreading innovation and leading important business developments in the technology industry. Lin served on the American Chamber of Commerce China board for three consecutive years (2013-15) and has frequently met with senior government officials from both the United States and China to advance American business interests in China, especially in the information communication and technologies sector. Before joining Akamai Technology, Lin served as senior vice president of BeXcom and CEO of BeXcom Taiji, a joint venture between a Chinese state-owned enterprise and a US enterprise. Prior to BeXcom, Lin was with NCR and AT&T Global Information Solutions for more than thirteen years, serving in various positions, from engineering and sales to marketing and management. She was credited for introducing the Open System to the Chinese financial industry in the mid 1990s. Lin received her bachelor's degree from Tsinghua University and master's degree in engineering science from the University of California at San Diego.

Tim Maurer codirects the Cyber Policy Initiative at the Carnegie Endowment for International Peace. His research focuses on cyberspace and international affairs, namely, cyber security, human rights online, and internet governance. Maurer is a member of several US track 1.5 cyber dialogues and the Freedom Online Coalition's cyber security working group, An Internet Free and Secure. He was a member of the Research Advisory Network of the Global Commission on Internet Governance, cochaired the Advisory Board of the Global Conference on CyberSpace in The Hague, and developed the Global Cyber Definitions Database for the chair of the Organization for Security and Co-operation in Europe (OSCE) to support the implementation of the organization's cyber confidence-building measures. Before joining Carnegie, Maurer was the director of the Global Cybersecurity Norms and Resilience Project at New



America and head of research of New America's Cybersecurity Initiative. He spent several years focusing on humanitarian assistance and the coordination of the UN system, gaining experience with the United Nations in Rwanda, Geneva, and New York.

Enrique Oti, a lieutenant colonel in the US Air Force, is the managing director of the Air Force Element, Defense Innovation Unit Experimental. The unit was established by the secretary of defense to build relationships between Silicon Valley and the Department of Defense in order to scout for new technology and help bring innovative ideas back to the Pentagon. Oti earned his undergraduate degree in history from the US Air Force Academy; he holds a master's degree in strategic intelligence from the Joint Military Intelligence College and a master's degree in international relations from Zhejiang University in Hangzhou, China, where he studied as an Olmsted Scholar. A cyber operations officer and regional affairs strategist for China, he has served in a variety of positions, including network operations, influence operations, strategic communication, and China strategy. He commanded an intelligence support squadron in Korea that supported intelligence collection from the *U-2* and *Global Hawk*. Most recently, he was a National Security Affairs Fellow at the Hoover Institution, Stanford University, where he wrote on Chinese cyber strategies and cyberspace deterrence.

Thompson Paine leads business operations at Quizlet, an education software company in San Francisco, California. His previous China-related work included two years as a political analyst at the US Embassy in Beijing, focusing on leadership politics, human rights issues, and Xinjiang. He has a JD and MBA from Stanford University and a BA in political science and Asian studies from the University of North Carolina at Chapel Hill. Paine is a term member at the Council on Foreign Relations, a member of the California State Bar, and a board director at Yu Ming Charter School.

Adam Segal is the Ira A. Lipman Chair in Emerging Technologies and National Security and director of the Digital and Cyberspace Policy Program at the Council on Foreign Relations (CFR). An expert on security issues, technology development, and Chinese domestic and foreign policy, Segal was the project director for the CFR-sponsored Independent Task Force report *Defending an Open, Global, Secure, and Resilient Internet*. His book *The Hacked World Order: How Nations Fight, Trade, Maneuver, and Manipulate in the Digital Age* (2016) describes the increasingly contentious geopolitics of cyberspace. His work has appeared in the *Financial Times*, the *Economist*, *Foreign Policy*, the *Wall Street Journal*, and *Foreign Affairs*, among others. He currently writes for the blog *Net Politics*. Segal was previously an arms control analyst for the China Project at the Union of Concerned Scientists and has been a visiting scholar at the Hoover Institution at Stanford University, the Massachusetts Institute of Technology's Center for International Studies, the Shanghai Academy of Social Sciences, and Tsinghua University in Beijing. He has taught at Vassar College and Columbia University. Segal is the author of *Advantage: How American Innovation Can Overcome the Asian Challenge* (2011) and *Digital Dragon: High-Technology Enterprises in China* (2003).



Segal has a BA and PhD in government from Cornell University and an MA in international relations from the Fletcher School of Law and Diplomacy at Tufts University.

Michael Sulmeyer is the Belfer Center's Cyber Security project director at the Harvard Kennedy School. Before Harvard, he served as the director for Plans and Operations for Cyber Policy in the Office of the Secretary of Defense, working closely with the Joint Staff and Cyber Command on a variety of efforts to counter malicious cyber activity against US and Department of Defense interests. For this work, he received the Secretary Medal for Exceptional Public Service. From 2015 to 2016, he was also the coordinator for Hillary for America's Cyber Policy Working Group. Previously, he worked on arms control and the maintenance of strategic stability among the United States, Russia, and China. As a Marshall Scholar, Sulmeyer received his doctorate in politics from Oxford University; his dissertation, "Money for Nothing: Understanding the Termination of U.S. Major Defense Acquisition Programs," won the Sir Walter Bagehot Prize for best dissertation in government and public administration. He received his BA and JD from Stanford University and his MA in war studies from King's College London. In the mid-1990s, he was the system operator of the Summit BBS in Santa Barbara, California.

Eli Sugarman is a program officer at the William and Flora Hewlett Foundation and manages the Cyber Initiative. The goal of the Cyber Initiative, a five-year \$70-million grant-making effort, is to build a more robust cyber field and improve cyber security policy-making worldwide. Previously, he was a consultant and strategist to private-sector and nonprofit leaders internationally. He has served as a foreign affairs officer at the US Department of State, where he focused on international security issues. A graduate of Middlebury College, Sugarman also holds a JD from Stanford University's Law School.

Eric Wenger is director for cyber security and privacy on Cisco's Government Affairs Team in Washington, DC, where he leads Cisco's work on cyber security policy globally. Wenger came to Cisco from Microsoft, where he was policy counsel. Wenger held a number of roles in government, including as a trial attorney in the Department of Justice's Computer Crime and Intellectual Property Section and a special assistant United States attorney in the District of Columbia's Computer Hacking and Intellectual Property Unit. He served as an attorney in the Federal Trade Commission's Bureau of Consumer Protection and as an attorney adviser to one of the commissioners. He was also assistant attorney general in New York, where he started the first statewide law enforcement unit in the United States focused on e-commerce. Wenger earned his undergraduate degree at Cornell University and graduated with honors from George Washington University's Law School.

Robert Williams is executive director of the Paul Tsai China Center as well as a senior research scholar and lecturer in law at Yale Law School, where he focuses on US-China relations and Chinese law and policy reform. He also teaches at Yale's Jackson



Institute for Global Affairs. Williams received a BA from Vanderbilt University and a JD from Harvard Law School, where he was cofounder and editor in chief of the *Harvard National Security Journal*. Following law school, he clerked in the Office of Legal Counsel at the US Department of Justice and for the Honorable E. Grady Jolly of the US Court of Appeals for the Fifth Circuit. He was an attorney in private practice before coming to Yale. Williams has also served as a consultant to the US Department of State and the CWell Institute, LLC. Prior to law school, he taught at Shandong University in Weihai, China, and worked for the Beijing office of the Natural Resources Defense Council as well as the Institute of International Finance in Washington, DC.

Benjamin Wittes is editor in chief of *Lawfare*, a senior fellow in governance studies at the Brookings Institution, and cochair of the Hoover Institution's Working Group on National Security, Technology, and Law. He is most recently the coauthor of *The Future of Violence—Robots and Germs, Hackers and Drones—Confronting a New Age of Threat* (2015). He is also the author of *Detention and Denial: The Case for Candor after Guantanamo* (2011); coeditor of *Constitution 3.0: Freedom and Technological Change* (2011); and editor of *Campaign 2012: Twelve Independent Ideas for Improving American Public Policy* (2012). Previous books include *Law and the Long War: The Future of Justice in the Age of Terror* (2008); *Starr: A Reassessment* (2002); and *Confirmation Wars: Preserving Independent Courts in Angry Times* (2006).

Shen Yi is an associate professor at the School of International Relations and Public Affairs, Fudan University. He graduated from Fudan University with a PhD in 2005 and served as a research fellow in the Department of International Politics. He has also served as the deputy director of the Cyberspace Governance Studying Center. Yi's main research focuses on cyber security, cyber diplomacy, and the governance of global cyberspace. From 2008 to 2009, Yi was a postdoctoral research fellow at Georgetown University in the School of Foreign Service. In 2013, he published a book on the national cyber security strategy of the United States. His most recent research focuses on Sino-US cyber security strategic relationships and the governance of global cyberspace.

