

About the Editors and Contributors

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Harold A. Trinkunas is the deputy director of, and a senior research scholar at, the Center for International Security and Cooperation at the Freeman Spogli Institute for International Studies at Stanford University. His research focuses on issues related to foreign policy, governance, and security, particularly in Latin America. Trinkunas has coauthored *Militants, Criminals, and Warlords: The Challenge of Local Governance in an Age of Disorder* (Brookings Institution Press, 2017) and *Aspirational Power: Brazil on the Long Road to Global Influence* (Brookings Institution Press, 2016). He authored *Crafting Civilian Control of the Military in Venezuela* (University of North Carolina Press, 2005). He coedited and contributed to *American Crossings: Border Politics in the Western Hemisphere* (Johns Hopkins University Press, 2015), *Ungoverned Spaces: Alternatives to State Authority in an Era of Softened Sovereignty* (Stanford University Press, 2010), *Global Politics of Defense Reform* (Palgrave MacMillan, 2008), and *Terrorism Financing and State Responses* (Stanford University Press, 2007). He received his doctorate in political science from Stanford University in 1999.

Herbert S. Lin

Herb Lin is a senior research scholar for cyberpolicy 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 at Stanford University. His research interests focus on cybersecurity and cyberspace. Lin is particularly interested in the use of offensive operations in cyberspace as instruments of national policy and in the effects of information warfare and influence operations on national security. In addition to his positions at Stanford University, he is chief scientist emeritus for the Computer Science and Telecommunications

Board, National Research Council of the National Academies, where he served from 1990 through 2014 as study director of major projects on public policy and information technology; and is an adjunct senior research scholar and senior fellow in cybersecurity (not in residence) at the Saltzman Institute for War and Peace Studies in the School for International and Public Affairs at Columbia University. Lin is a member of the Science and Security Board of the *Bulletin of the Atomic Scientists*. In 2016, he served on President Obama's Commission on Enhancing National Cybersecurity. He received his doctorate in physics from MIT.

Benjamin Loehrke

Benjamin Loehrke is the program officer for nuclear policy at the Stanley Center for Peace and Security, where he designs, organizes, and implements all aspects of the center's work on solutions to halt the spread and avoid the use of nuclear weapons. He previously worked at Ploughshares Fund, an international security foundation. His areas of interest include nuclear strategy, arms control, nonproliferation, and the implications of emerging technologies for international security. His writing has appeared in the *Bulletin of the Atomic Scientists* and the *Stanford Social Innovation Review*. He holds a master's degree in public policy from the University of Maryland and a bachelor's degree in political science from Indiana University.

Kelly M. Greenhill

Kelly M. Greenhill (PhD, MIT) is associate professor and director of international relations at Tufts University and research fellow at Harvard University's Kennedy School. Greenhill has published four books: *Weapons of Mass Migration: Forced Displacement, Coercion, and Foreign Policy* (winner of the 2011 International Studies Association's Best Book of the Year Award); *Sex, Drugs, and Body Counts: The Politics of Numbers in Global Crime and Conflict*; *The Use of Force: Military Power and International Politics* (8th ed.); and *Coercion: The Power to Hurt in International Politics*. Her fifth book, *Fear and Present Danger: Extra-Factual Sources of Threat Conception and Proliferation*, is currently under review. Her research and political commentary have also appeared in myriad

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Danielle Jablanski

Danielle Jablanski is the cyber program manager with the Program on Geopolitics, Technology, and Governance at the Stanford Cyber Policy Center at the Freeman Spogli Institute. She is responsible for delivering multistakeholder boot camps on the fundamental principles of technology and serves as a liaison for the cyberpolicy work being done at Stanford University. She coordinates core research initiatives, student and professional education programs, stakeholder relations, multimedia, and strategic marketing. Prior to her role at Stanford, she was the program associate for nuclear policy at the Stanley Center for Peace and Security, where she tracked policy developments related to emerging technologies, researched their trajectories, and engaged with experts to determine their impacts for nuclear-weapons policy. She earned her bachelor's degree in political science from the University of Missouri–Columbia and her master's degree in international security from the University of Denver Josef Korbel School of International Studies.

Jaclyn Kerr

Jaclyn Kerr is an affiliate at the Center for International Security and Cooperation at Stanford University and a New America Cybersecurity Fellow. Her research examines the politics of cybersecurity, information warfare, internet governance, and the internet policies of nondemocratic regimes. Areas of interest also include risk and governance in relation to emerging technologies, misperception, and crisis stability; and the relationships between security, privacy, and freedom of expression in internet policy. She holds a PhD and MA in government from Georgetown University and an MA in Russian, East European, and Eurasian studies and a BAS in mathematics and Slavic languages and literatures from Stanford University. She has held predoctoral fellowships at Stanford and Harvard Universities and research fellowships in

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Mark Kumleben

Mark Kumleben is a research fellow with the Digital Intelligence Lab (DigIntel) at the Institute for the Future. His research at DigIntel scrutinizes computational propaganda and online disinformation in varied contexts, from election security to public health. He is also an MA candidate in the Department of Politics and Economics at Claremont Graduate University, studying the political philosophy of technology. Academically, his research covers the philosophical and social consequences of modern developments in artificial intelligence and big data. He previously received a BA in philosophy at the University of Chicago. Now based in Washington, DC, he is an advocate for science communication and sound technology policy.

Jeffrey Lewis

Jeffrey Lewis is the director of the East Asia Nonproliferation Program at the James Martin Center for Nonproliferation Studies, Middlebury Institute of International Studies at Monterey, California, and the founding publisher of the *Arms Control Wonk* blog network. He is also a nonresident affiliate at Stanford's Center for Security and International Cooperation and a contributing editor to *Survival*. He is the author of three books, including a novel, *The 2020 Commission Report on the North Korean Nuclear Attacks on the United States*. He holds a PhD in policy studies (international security and economic policy) from the University of Maryland.

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Rose McDermott is the David and Mariana Fisher University Professor of International Relations at Brown University and a fellow in the American Academy of Arts and Sciences. She has held fellowships at the Radcliffe Institute for Advanced Study, the Olin Institute for Strategic Studies, and the Women and Public Policy Program, all at Harvard University. She has twice been a fellow at the Stanford Center for Advanced Studies in the Behavioral Sciences. She is the author of five books, a coeditor of two additional volumes,

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Ben O’Loughlin

Ben O’Loughlin (DPhil Oxon, FRSA) is professor of international relations and director of the New Political Communication Unit at Royal Holloway, University of London. He was specialist adviser to the UK Parliament’s Select Committee on Soft Power, producing the report *Power and Persuasion in the Modern World*. He is coeditor of the Sage journal *Media, War & Conflict*. His latest book (coedited with Alister Miskimmon and Laura Roselle) is *Forging the World: Strategic Narratives and International Relations* (Ann Arbor: University of Michigan Press, 2017). He has recently completed several projects on digital engagement with the British Council and the Goethe Institute. In 2016 he and his coauthors won the Walter Lippmann Award for Political Communication at the American Political Science Association. In 2019 he was appointed Thinker in Residence by the Belgian Royal Academy for his research on democracy and disinformation.

Paul Slovic

Paul Slovic is a professor of psychology at the University of Oregon and a founder and president of Decision Research. He studies human judgment, decision making, and the psychology of risk. He and his colleagues worldwide have developed methods to describe risk perceptions and measure their impacts on individuals, industry, and society. His recent research examines “psychic numbing” and the failure to respond to mass human tragedies such as genocide. He is a past president of the Society for Risk Analysis and in 1991 received its Distinguished Contribution Award. In 1993 he received the Distinguished Scientific Contribution Award from the American Psychological Association. He has received honorary doctorates from the Stockholm School of Economics (1996) and the University of East Anglia (2005). He was elected

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Kate Starbird

Kate Starbird is an associate professor in the Department of Human Centered Design & Engineering at the University of Washington. Her research is situated within human-computer interaction and the emerging field of crisis informatics—the study of how information-communication technologies are used during crisis events. One aspect of her research focuses on how online rumors spread during natural disasters and man-made crisis events. More recently, she has begun to focus on the spread of disinformation and other forms of strategic information operations online. She earned her PhD in technology, media, and society from the University of Colorado at Boulder and holds a BS in computer science from Stanford University.

Kristin Ven Bruusgaard

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Samuel Woolley

Samuel Woolley is a faculty member at the School of Journalism at the University of Texas at Austin. His work examines computational propaganda—the use of social media in efforts to manipulate public opinion. He is the founding director of the Digital Intelligence Lab at the Institute for the Future and cofounder

of the Computational Propaganda Project at the Oxford Internet Institute, University of Oxford. His recent book (coauthored with Phil Howard) is a collection of essays entitled *Computational Propaganda* from Oxford University Press. His forthcoming book, *The Reality Game* (PublicAffairs, 2020), discusses how the next wave of technology might challenge perceptions of truth. He is a fellow at the German Marshall Fund of the United States and a former fellow at the Anti-Defamation League, Google Jigsaw, the Center for Media, Data and Society at Central European University, and the Tech Policy Lab at the University of Washington. He has current and past research affiliations with the Project on Democracy and the Internet at Stanford, the Center for Information Technology Research in the Interest of Society at the University of California–Berkeley, and the Oxford Internet Institute.

