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An expert on hypersonic weapons, Acton is the author of the widely-cited *Silver Bullet? Asking the Right Questions About Conventional Prompt Global Strike*. He has published a technical analysis of boost-glide weapons in the peer-reviewed journal *Science & Global Security*, and has testified on Chinese developments in this area to the U.S.-China Economic and Security Review Commission. His commentary on the subject has been carried by *Foreign Policy*, *Defense One* and the Russian-language *Independent Military Review*.

Acton's other publications span the field of nuclear policy. He is the author of two Adelphi books, *Deterrence During Disarmament: Deep Nuclear Reductions and International Security* and *Abolishing Nuclear Weapons* (with George Perkovich). He wrote, with Mark Hibbs, *Why Fukushima Was Preventable*, a groundbreaking study into the accident's root causes. His analysis of proliferation threats, including Iran and North Korea, has been widely disseminated by major journals, newspapers, and websites.

Acton is a member of the Commission on Challenges to Deep Cuts and of the Nuclear Security Working Group. He is a former member of the International Panel on Fissile Materials and was co-chair of the Next Generation Working Group on U.S.-Russian arms control. He has provided evidence to the UN Secretary General's Advisory Board on Disarmament Matters and the Blue Ribbon Commission on America's Nuclear Future.

Acton has published in the *New York Times*, the *International Herald Tribune*, *Foreign Affairs*, *Foreign Policy*, *Survival*, and the *Washington Quarterly*. He has appeared on CNN's *State of the Union*, NBC *Nightly News*, CBS *Evening News*, and PBS *NewsHour*.

Prior to joining the Carnegie Endowment, Acton was a lecturer in the Department of War Studies at King's College London and was the science and technology researcher at the Verification Research, Training and Information Centre (VERTIC). He holds a Ph.D. in theoretical physics from the University of Cambridge.