

# CONTRIBUTORS

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**Jeremy Bernstein** is a physicist and author. For thirty-five years, he was a staff writer for the *New Yorker*. He has written some twenty books and dozens of technical papers. His most recent books are *Plutonium: A History of the World's Most Dangerous Element* (2007) and *Nuclear Weapons: What You Need to Know* (2007). He has won several awards for his writing. His forthcoming book, *Quantum Leaps*, will be published by the Harvard University Press.

**Lewis A. Dunn** is a senior vice president of Science Applications International Corporation (SAIC). At SAIC, he has undertaken studies on preventing proliferation and managing its consequences; future threat reduction and arms control initiatives; and deterrence planning and requirements. He served as assistant director of the U.S. Arms Control and Disarmament Agency from 1983 to 1987 (appointed by President Ronald Reagan and confirmed by the U.S. Senate with the rank of assistant secretary) and as ambassador to the 1985 Review Conference of the Treaty on the Non-Proliferation of Nuclear Weapons (NPT). He continues to be called on by various U.S. government organizations to provide advice on preparations for the 2010 NPT Review Conference. He has a Ph.D. in political science from the University of Chicago.

**Jason S. Enia** is a Ph.D. candidate in politics and international relations at the University of Southern California and a lecturer in the Department of Diplomacy and World Affairs at Occidental College. His research explores the particular ways in which political and economic institutions create incentives for either peace or conflict. His dissertation, "Shaking the Foundations of Violent Civil Conflict: Institutions, Disasters, and the Political Economies of State-Rebel Interaction," analyzes the relationship between institutional quality and domestic violence in the aftermath of natural disasters.

**Jeffrey Fields** is a political-military analyst at the Defense Threat Reduction Agency (DTRA). His work focuses on the proliferation of nuclear weapons and technology, the near-term strategic landscape, and U.S. foreign and defense policy. Prior to arriving at DTRA, he was a research associate at the James Martin Center for Nonproliferation Studies, where he wrote profiles of nuclear and ballistic missile programs in Iraq, Argentina, and South Africa, among other countries. He is currently completing a book project, *Adversaries and Statecraft: Explaining U.S. Foreign Policy Choices*. Fields holds a Ph.D. in international relations from the University of Southern California.

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**Leonard Weiss** is affiliated with the Center for International Security and Cooperation at Stanford University. He is also a consultant to the Lawrence Livermore National Laboratory and an advisory board member of the Center for Arms Control and Nonproliferation. He has worked on nonproliferation and nuclear safety issues for more than thirty years, many of them as the staff director of the Senate Committee on Governmental Affairs and its Subcommittee on Energy and Nuclear Proliferation. He was the chief architect of the Nuclear Non-Proliferation Act of 1978 and the legislation that created the Defense Nuclear Facilities Safety Board in 1988. He has provided testimony to Congress on nonproliferation issues, and his publications have appeared in various professional journals.

**Ward Wilson** has spent more than a quarter-century ruminating on how to prevent nuclear war; he writes regularly at [RethinkingNuclearWeapons.org](http://RethinkingNuclearWeapons.org). His writing has also appeared in *International Security*, *Dissent*, *Bulletin of the Atomic Scientists*, and the *Chicago Tribune*, among others. In 2007, his reevaluation of the bombing of Hiroshima "effectively demolished the generally accepted myth that the atomic bombings brought World War II to an end" (Freeman Dyson). He has presented his conclusions about Hiroshima at Los Alamos, the Naval War College, the United Nations, the Institute for Advanced Study, the Stimson Center, the Monterey Institute of International Studies, Stanford University, and Princeton University. His essay, "The Myth of Nuclear Deterrence," was the grand prize-winner of the Doreen and Jim McElvany 2008 Nonproliferation Challenge Essay Contest.

**Peter D. Zimmerman**, a nuclear physicist by training, is emeritus professor of science & security at King's College London and a former chief scientist of the Senate Foreign Relations Committee and the Arms Control and Disarmament Agency. He also served as the science advisor for arms control in the U.S. State Department. He has held positions as a senior associate at the Carnegie Endowment for International Peace and as a senior fellow at the Center for Strategic and International Studies.