

Nuclear Rites A Weapons Laboratory At The End Of The Cold War By Hugh Gusterson 1998 02 10

Nuclear Rites Globalization, Biosecurity, and the Future of the Life Sciences Security Thinking about Deterrence - Enduring Questions in a Time of Rising Powers, Rogue Regimes, and Terrorism People of the Bomb The Insecure American Studying Native America Drone Abolition of Feudalism A Nuclear Family Vacation LSD, My Problem Child Animal Hospital Biotechnology Research in an Age of Terrorism Code 211 Blue Nuclear Legacies Atomic Frontier Days Blood Rites The Global Environment Arsenal of Folly Bulletin of the Atomic Scientists Codes of Finance Whole World on Fire Collision and Collusion Nuclear Rites Getting to Zero Total Confinement Cat's Cradle Red Tape The Martian Chronicles Deterrence Betrayal of Science and Reason Keepers of the Flame The Seven Beauties of Science Fiction The Nuclear Borderlands Introductory Statistical Mechanics The New History in an Old Museum Longing for the Bomb People of the Bomb Blood Rites Energy Justice Across Borders

Nuclear Rites

Pulitzer Prize-winning author Richard Rhodes delivers a riveting account of the nuclear arms race and the Cold War. In the Reagan-Gorbachev era, the United States and the Soviet Union came within minutes of nuclear war, until Gorbachev boldly launched a campaign to eliminate nuclear weapons, setting the stage for the 1986 Reykjavik summit and the incredible events that followed. In this thrilling, authoritative narrative, Richard Rhodes draws on personal interviews with both Soviet and U.S. participants and a wealth of new documentation to unravel the compelling, shocking story behind this monumental time in human history—its beginnings, its nearly chilling consequences, and its effects on global politics today.

Globalization, Biosecurity, and the Future of the Life Sciences

No one knows the real world of modern day cops like Joseph D. McNamara. In his new novel, this former beat cop and big-city police chief takes you inside the maelstrom that America's front line foot soldiers face everyday--from the street snitches to the thugs in City Hall, from the deals that get cut to the danger that never lets you go. . . . Kevin McKay is a hometown boy who grew up to be a cop. Now he's out of the fire and into the heat--transferred from narcotics to a serial rape case that is turning into murder. But while McKay scours San Francisco from the Tenderloin to Chinatown for a perp known only as Ski Mask, a web of betrayal is being spun by the most dangerous enemies a cop can ever have--the ones who carry a badge. Trusting no one--not his bosses, not the rich lady he's falling in love with--McKay is fighting back against a death trap with his wits, his courage, and his honor . . . on streets stained forever with blood.

Security

An account of a year inside the world-renowned Angell Memorial Animal Hospital in Boston, with stories based on first-hand observation and interviews, and including research on the history of the facility and the Massachusetts Society for the Prevention of Cruelty to Animals.

Thinking about Deterrence - Enduring Questions in a Time of Rising Powers, Rogue Regimes, and Terrorism

"An extremely important work. . . . It demonstrates the power that ethnographic analysis can have when directed at an examination of our own society's central nervous system."—Faye Ginsburg, author of *Contested Lives* "Essential reading for anyone trying to understand what Cold War science was in all its cultural aspects and what this same science now in transformation might yet be."—George E. Marcus, co-editor of *The Traffic in Culture*

People of the Bomb

This book is open access under a CC BY 4.0 license. We must find new and innovative ways of conceptualizing transboundary energy issues, of embedding concerns of ethics or justice into energy policy, and of operationalizing response to them. This book stems from the emergent gap; the need for comparative approaches to energy justice, and for those that consider ethical traditions that go beyond the classical Western approach. This edited volume unites the fields of energy justice and comparative philosophy to provide an overarching global perspective and approach to applying energy ethics. We contribute to this purpose in four sections: setting the scene, practice, applying theory to practice, and theoretical approaches. Through the chapters featured in the volume, we position the book as one that contributes to energy justice scholarship across borders of nations, borders of ways of thinking and borders of disciplines. The outcome will be of interest to undergraduate and graduate students studying energy justice, ethics and environment, as well as energy scholars, policy makers, and energy analysts.

The Insecure American

"Ethnographically rich, thick with gritty details and original insights, Rhodes's revelatory book about US prisons--those who are incarcerated in them and those who run them--should be read by everyone who cares about social justice and the nature of power."—Emily Martin, author of *Flexible Bodies* "Thank you, Lorna Rhodes, for taking us to where the 'worst of the worst' are kept out of sight and out of mind in the new millennium. This powerful ethnography of the correctional high

tech machine reveals how institutional power suffocates individual agency and redefines rationality and insanity. Good, bad and evil fall by the wayside."—Philippe Bourgois, author of *In Search of Respect: Selling Crack in El Barrio* "A truly remarkable book. The inside look at supermax confinement alone is worth the price of admission, and the prose sometimes verges on poetry. This is meticulous scholarship."—Hans Toch, author of *Living in Prison*

Studying Native America

Drawing on visits, interviews, and research, a critical study of Colonial Williamsburg traces the competing roles of consumerism, patriotism, and educational purpose in shaping the way American history is portrayed there and received by visitors. Simultaneous. UP.

Drone

Over the past two decades, citizens, organizations, and governments have passionately debated the nature of the consequences of nuclear production, and how they should be managed. This volume focuses on the role of communication in shaping—and potentially resolving—the conflicts that emerge during these debates.

Abolition of Feudalism

With many scholars and analysts questioning the relevance of deterrence as a valid strategic concept, this volume moves beyond Cold War nuclear deterrence to show the many ways in which deterrence is applicable to contemporary security. It examines the possibility of applying deterrence theory and practice to space, to cyberspace, and against non-state actors. It also examines the role of nuclear deterrence in the twenty-first century and reaches surprising conclusions.

A Nuclear Family Vacation

"If one organization is synonymous with keeping hope alive, even as a faint glimmer in the darkness of a prison, it is Amnesty International. Amnesty has been the light, and that light was truth—bearing witness to suffering hidden from the eyes of the world."—from the Preface The first in-depth look at working life inside a major human rights organization, *Keepers of the Flame* charts the history of Amnesty International and the development of its nerve center, the International Secretariat, over forty-five years. Through interviews with staff members, archival research, and unprecedented access to Amnesty International's internal meetings, Stephen Hopgood provides an engrossing and enlightening account of day-to-day operations within the organization, larger decisions about the nature of its mission, and struggles over the

implementation of that mission. An enduring feature of Amnesty's inner life, Hopgood finds, has been a recurrent struggle between the "keepers of the flame" who seek to preserve Amnesty's accumulated store of moral authority and reformers who hope to change, modernize, and use that moral authority in ways that its protectors fear may erode the organization's uniqueness. He also explores how this concept of moral authority affects the working lives of the servants of such an ideal and the ways in which it can undermine an institution's political authority over time. Hopgood argues that human-rights activism is a social practice best understood as a secular religion where internal conflict between sacred and profane—the mission and the practicalities of everyday operations—are both unavoidable and necessary. *Keepers of the Flame* is vital reading for anyone interested in Amnesty International, its accomplishments, agonies, obligations, fears, opportunities, and challenges—or, more broadly, in how humanitarian organizations accommodate the moral passions that energize volunteers and professional staff alike.

LSD, My Problem Child

A New York Times Notable Book
An ALA Notable Book "Original and illuminating." --The Washington Post
What draws our species to war? What makes us see violence as a kind of sacred duty, or a ritual that boys must undergo to "become" men? Newly reissued in paperback, *Blood Rites* takes readers on an original journey from the elaborate human sacrifices of the ancient world to the carnage and holocaust of twentieth-century "total war." Ehrenreich sifts deftly through the fragile records of prehistory and discovers the wellspring of war in an unexpected place -- not in a "killer instinct" unique to the males of our species, but in the blood rites early humans performed to reenact their terrifying experiences of predation by stronger carnivores. Brilliant in conception and rich in scope, *Blood Rites* is a monumental work that continues to transform our understanding of the greatest single threat to human life.

Animal Hospital

Two Washington, D.C., defense reporters document their findings during a tour of nuclear weapons facilities throughout the country, in an account that addresses such topics as whether or not nuclear weapons are still on alert in America, Iran's actual nuclear pursuits, and Dick Cheney's personal "undisclosed location" of choice. 30,000 first printing.

Biotechnology Research in an Age of Terrorism

In the past decade the scale of threats to the environment has begun to be appreciated and many treaties, regulations and institutions have been created to tackle them. This volume assesses these developments.

Code 211 Blue

As the world undergoes daily transformations through the application of technoscience to every aspect of life, science fiction has become an essential mode of imagining the horizons of possibility. However much science fiction texts vary in artistic quality and intellectual sophistication, they share in a mass social energy and a desire to imagine a collective future for the human species and the world. At this moment, a strikingly high proportion of films, commercial art, popular music, video and computer games, and non-genre fiction have become what Csicsery-Ronay calls science fictional, stimulating science-fictional habits of mind. We no longer treat science fiction as merely a genre-engine producing formulaic effects, but as a mode of awareness, which frames experiences as if they were aspects of science fiction. The Seven Beauties of Science Fiction describes science fiction as a constellation of seven diverse cognitive attractions that are particularly formative of science-fictionality. These are the “seven beauties” of the title: fictive neology, fictive novums, future history, imaginary science, the science-fictional sublime, the science-fictional grotesque, and the Technologiade, or the epic of technoscience’s development into a global regime.

Nuclear Legacies

Biomedical advances have made it possible to identify and manipulate features of living organisms in useful ways--leading to improvements in public health, agriculture, and other areas. The globalization of scientific and technical expertise also means that many scientists and other individuals around the world are generating breakthroughs in the life sciences and related technologies. The risks posed by bioterrorism and the proliferation of biological weapons capabilities have increased concern about how the rapid advances in genetic engineering and biotechnology could enable the production of biological weapons with unique and unpredictable characteristics. Globalization, Biosecurity, and the Future of Life Sciences examines current trends and future objectives of research in public health, life sciences, and biomedical science that contain applications relevant to developments in biological weapons 5 to 10 years into the future and ways to anticipate, identify, and mitigate these dangers.

Atomic Frontier Days

Statistical mechanics is the theory underlying condensed matter physics. This book outlines the theory in a simple and progressive way, at a level suitable for undergraduates. New to this edition are three chapters on phase transitions, which is now included in undergraduate courses. There are plenty of problems at the end of each chapter, and brief model answers are provided for odd-numbered problems.

Blood Rites

Longing for the Bomb traces the unusual story of the first atomic city and the emergence of American nuclear culture. Tucked into the folds of Appalachia and kept off all commercial maps, Oak Ridge, Tennessee, was created for the Manhattan Project by the U.S. government in the 1940s. Its workers labored at a breakneck pace, most aware only that their jobs were helping "the war effort." The city has experienced the entire lifespan of the Atomic Age, from the fevered wartime enrichment of the uranium that fueled Little Boy, through a brief period of atomic utopianism after World War II when it began to brand itself as "The Atomic City," to the anxieties of the Cold War, to the contradictory contemporary period of nuclear unease and atomic nostalgia. Oak Ridge's story deepens our understanding of the complex relationship between America and its bombs. Blending historiography and ethnography, Lindsey Freeman shows how a once-secret city is visibly caught in an uncertain present, no longer what it was historically yet still clinging to the hope of a nuclear future. It is a place where history, memory, and myth compete and conspire to tell the story of America's atomic past and to explain the nuclear present.

The Global Environment

Two schools of thought now exist in security studies: traditionalists want to restrict the subject to politico-military issues; while wideners want to extend it to the economic, societal and environmental sectors. This book sets out a comprehensive statement of the new security studies, establishing the case for the broader agenda.

Arsenals of Folly

In recent years much has happened to justify an examination of biological research in light of national security concerns. The destructive application of biotechnology research includes activities such as spreading common pathogens or transforming them into even more lethal forms. Policymakers and the scientific community at large must put forth a vigorous and immediate response to this challenge. This new book by the National Research Council recommends that the government expand existing regulations and rely on self-governance by scientists rather than adopt intrusive new policies. One key recommendation of the report is that the government should not attempt to regulate scientific publishing but should trust scientists and journals to screen their papers for security risks, a task some journals have already taken up. With biological information and tools widely distributed, regulating only U.S. researchers would have little effect. A new International Forum on Biosecurity should encourage the adoption of similar measures around the world. Seven types of risky studies would require approval by the Institutional Biosafety Committees that already oversee recombinant DNA research at some 400 U.S. institutions. These "experiments of concern" include making an infectious agent more lethal

and rendering vaccines powerless.

Bulletin of the Atomic Scientists

"The White Man does not understand the Indian for the reason that he does not understand America. He is too far removed from its formative process. The roots of the tree of his life have not yet grasped rock and soil." The words of Lakota writer Luther Standing Bear foretold the current debate on the value of Native American studies in higher education. Studying Native America addresses for the first time in a comprehensive way the place of this critical discipline in the university curriculum. Leading scholars in anthropology, demography, English and literature, history, law, social work, linguistics, public health, psychology, and sociology have come together to explore what Native American studies has been, what it is, and what it may be in the future. The book's thirteen contributors and editor Russell Thornton, stress the frequent incompatibility of traditional academic teaching methods with the social and cultural concerns that gave rise to the field of Native American studies. Beginning with the intellectual and institutional history of Native American studies, the book examines its literature, language, historical narratives, and anthropology. The volume discusses the effects on Native American studies of law and constitutionalism; cosmology, epistemology, and religion; identity; demography; colonialism and post-colonialism; science and technology; and repatriation of human remains and cultural objects. Contributors to Studying Native America include Raymond J. DeMallie, Bonnie Duran, Eduardo Duran, Raymond D. Fogelson, Clara Sue Kidwell, Kerwin Lee Klein, Melissa L. Meyer, John H. Moore, Peter Nabokov, Katheryn Shanley, C. Matthew Snipp, Rennard Strickland, Russell Thornton, J. Randolph Valentine, Robert Allen Warrior, Richard White, and Maria Yellowhorse-Braveheart. The book is sponsored in part by the Social Science Research Council.

Codes of Finance

In this hard-hitting and timely book, world-renowned scientists and writers Paul R. Ehrlich and Anne H. Ehrlich speak out against what they call the "brownlash." Brownlash rhetoric, created by public relations spokespersons and a few dissident scientists, is a deliberate misstatement of scientific findings designed to support an anti-environmental world view and political agenda. As such, it is deeply disturbing to environmental scientists across the country. The agenda of brownlash proponents is rarely revealed, and the confusion and distraction its rhetoric creates among policymakers and the public prolong an already difficult search for realistic and equitable solutions to global environmental problems. In *Betrayal of Science and Reason*, the Ehrlichs explain clearly and with scientific objectivity the empirical findings behind environmental issues including population growth, desertification, food production, global warming, ozone depletion, acid rain, and biodiversity loss. They systematically debunk revisionist "truths" and counter the erroneous information and misrepresentation put forth by the brownlash, presenting accurate scientific information about current environmental

threats that can be used to evaluate critically and respond to the commentary of the brownlash. They include important background material on how science works and provide extensive references to pertinent scientific literature. In addition, they discuss how scientists can speak out on matters of societal urgency yet retain scientific integrity and the support of the scientific community. *Betrayal of Science and Reason* is an eye-opening look at current environmental problems and the fundamental importance of the scientific process in solving them. It presents unique insight into the sources and implications of anti-environmental rhetoric, and provides readers with a valuable means of understanding and refuting the feel-good fables that constitute the brownlash.

Whole World on Fire

E.L. Doctorow suggested that in the years since 1945 the nuclear bomb has come to compose the identity of the American people. Developing this theme, Hugh Gusterson shows how the military-industrial complex has transformed public culture & personal psychology in America, to create a nuclear people.

Collision and Collusion

The author explores how the US government has underestimated the damage caused by nuclear weapons, leading it to build far more - and far more destructive - warheads than are needed for war-planning purposes. She explores how this could have happened and the consequences for defense policy.

Nuclear Rites

The tranquility of Mars is disrupted by humans who want to conquer space, colonize the planet, and escape a doomed Earth.

Getting to Zero

When the Soviet Union's communist empire collapsed in 1989, a mood of euphoria took hold in the West and in Eastern Europe. The West had won the ultimate victory--it had driven a silver stake through the heart of Communism. Its next planned step was to help the nations of Eastern Europe to reconstruct themselves as democratic, free-market states, and full partners in the First World Order. But that, as Janine Wedel reveals in this gripping volume, was before Western governments set their poorly conceived programs in motion. *Collision and Collusion* tells the bizarre and sometimes scandalous story of Western governments' attempts to aid the former Soviet block. He shows how by mid-decade, Western

aid policies had often backfired, effectively discouraging market reforms and exasperating electorates who, remarkably, had voted back in the previously despised Communists. *Collision and Collusion* is the first book to explain where the Western dollars intended to aid Eastern Europe went, and why they did so little to help. Taking a hard look at the bureaucrats, politicians, and consultants who worked to set up Western economic and political systems in Eastern Europe, the book details the extraordinary costs of institutional ignorance, cultural misunderstanding, and unrealistic expectations.

Total Confinement

A behind-the-scenes account of the derivatives business at a major investment bank The financial industry's invention of complex products such as credit default swaps and other derivatives has been widely blamed for triggering the global financial crisis of 2008. In *Codes of Finance*, Vincent Antonin Lépinay, a former employee of one of the world's leading investment banks, takes readers behind the scenes of the equity derivatives business at the bank before the crisis, providing a detailed firsthand account of the creation, marketing, selling, accounting, and management of these financial instruments—and of how they ultimately created havoc inside and outside the bank.

Cat's Cradle

Outstanding Title by Choice Magazine On the banks of the Pacific Northwest's greatest river lies the Hanford nuclear reservation, an industrial site that appears to be at odds with the surrounding vineyards and desert. The 586-square-mile compound on the Columbia River is known both for its origins as part of the Manhattan Project, which made the first atomic bombs, and for the monumental effort now under way to clean up forty-five years of waste from manufacturing plutonium for nuclear weapons. Hanford routinely makes the news, as scientists, litigants, administrators, and politicians argue over its past and its future. It is easy to think about Hanford as an expression of federal power, a place apart from humanity and nature, but that view distorts its history. *Atomic Frontier Days* looks through a wider lens, telling a complex story of production, community building, politics, and environmental sensibilities. In brilliantly structured parallel stories, the authors bridge the divisions that accompany Hanford's headlines and offer perspective on today's controversies. Influenced as much by regional culture, economics, and politics as by war, diplomacy, and environmentalism, Hanford and the Tri-Cities of Richland, Pasco, and Kennewick illuminate the history of the modern American West.

Red Tape

Getting to Zero is an edited volume of chapters about the implications of total nuclear disarmament for international security and national security covering a range of perspectives.

The Martian Chronicles

This is the story of LSD told by a concerned yet hopeful father, organic chemist Albert Hofmann. He traces LSDs path from a promising psychiatric research medicine to a recreational drug sparking hysteria and prohibition. We follow Dr. Hofmanns trek across Mexico to discover sacred plants related to LSD, and listen in as he corresponds with other notable figures about his remarkable discovery. Underlying it all is Dr. Hofmanns powerful conclusion that mystical experience may be our planets best hope for survival. Whether induced by LSD, meditation, or arising spontaneously, such experiences help us to comprehend the wonder, the mystery of the divine in the microcosm of the atom, in the macrocosm of the spiral nebula, in the seeds of plants, in the body and soul of people. Now, more than sixty years after the birth of Albert Hofmanns problem child, his vision of its true potential is more relevant, and more needed, than ever.

Deterrence

Americans are feeling insecure. They are retreating to gated communities in record numbers, fearing for their jobs and their 401(k)s, nervous about their health insurance and their debt levels, worrying about terrorist attacks and immigrants. In this innovative volume, editors Hugh Gusterson and Catherine Besteman gather essays from nineteen leading ethnographers to create a unique portrait of an anxious country and to furnish valuable insights into the nation's possible future. With an incisive foreword by Barbara Ehrenreich, the contributors draw on their deep knowledge of different facets of American life to map the impact of the new economy, the "war on terror," the "war on drugs," racial resentments, a fraying safety net, undocumented immigration, a health care system in crisis, and much more. In laying out a range of views on the forces that unsettle us, *The Insecure American* demonstrates the singular power of an anthropological perspective for grasping the impact of corporate profit on democratic life, charting the links between policy and vulnerability, and envisioning alternatives to life as an insecure American.

Betrayal of Science and Reason

Keepers of the Flame

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The Seven Beauties of Science Fiction

This volume moves beyond Cold War deterrence theory to show the many ways in which deterrence is applicable to contemporary security: in space, in cyberspace, and against non-state actors. It also examines the role of nuclear deterrence in the twenty-first century and reaches surprising conclusions.

The Nuclear Borderlands

“A free-wheeling vehicle . . . an unforgettable ride!”—The New York Times *Cat’s Cradle* is Kurt Vonnegut’s satirical commentary on modern man and his madness. An apocalyptic tale of this planet’s ultimate fate, it features a midget as the protagonist, a complete, original theology created by a calypso singer, and a vision of the future that is at once blackly fatalistic and hilariously funny. A book that left an indelible mark on an entire generation of readers, *Cat’s Cradle* is one of the twentieth century’s most important works—and Vonnegut at his very best. “[Vonnegut is] an unimitative and inimitable social satirist.”—Harper’s Magazine “Our finest black-humorist . . . We laugh in self-defense.”—Atlantic Monthly

Introductory Statistical Mechanics

Drone warfare described from the perspectives of drone operators, victims of drone attacks, anti-drone activists, international law, military thinkers, and others.

The New History in an Old Museum

Longing for the Bomb

In this novel in the #1 New York Times bestselling *Dresden Files*, Chicago's only professional wizard takes on a case for a vampire and becomes the prime suspect in a series of ghastly murders. Harry Dresden has had worse assignments than going undercover on the set of an adult film. Like fleeing a burning building full of enraged demon-monkeys, for instance. Or going toe-to-leaf with a walking plant monster. Still, there’s something more troubling than usual about his newest case. The film’s producer believes he’s the target of a sinister curse—but it’s the women around him who are dying, in increasingly spectacular ways. Harry’s doubly frustrated because he only got involved with this bizarre mystery as a favor to Thomas—his flirtatious, self-absorbed vampire acquaintance of dubious integrity. Thomas has a personal stake in the case Harry can’t quite figure out, until his investigation leads him straight to the vampire’s oversexed, bite-happy family.

Now, Harry's about to discover that Thomas' family tree has been hiding a shocking secret: a revelation that will change Harry's life forever.

People of the Bomb

The Bulletin of the Atomic Scientists is the premier public resource on scientific and technological developments that impact global security. Founded by Manhattan Project Scientists, the Bulletin's iconic "Doomsday Clock" stimulates solutions for a safer world.

Blood Rites

Examining the chronic, widespread poverty in India, the world's fourth largest economy, Akhil Gupta theorizes the relation between the state in India and the poor as one of structural violence.

Energy Justice Across Borders

An important investigation of the sociocultural fallout of America's work on the atomic bomb In *The Nuclear Borderlands*, Joseph Masco offers an in-depth look at the long-term consequences of the Manhattan Project. Masco examines how diverse groups in and around Los Alamos, New Mexico understood and responded to the U.S. nuclear weapons project in the post-Cold War period. He shows that the American focus on potential nuclear apocalypse during the Cold War obscured the broader effects of the nuclear complex on society, and that the atomic bomb produced a new cognitive orientation toward daily life, reconfiguring concepts of time, nature, race, and citizenship. This updated edition includes a brand-new preface by the author discussing current developments in nuclear politics and the scientific impact of the nuclear age on the present epoch of a human-altered climate.

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