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# Oppenheimer Portrait Of An Enigma

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Oppenheimer and the Manhattan Project

Oppenheimer's Choice

Einstein and Oppenheimer

Larger Than Life

The Hope And Vision Of J. Robert Oppenheimer

Atomic Age America

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J. Robert Oppenheimer, The Cold War, and The Atomic West

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Encyclopedia of War and American Society

The Ruin of J. Robert Oppenheimer

Early Cold War Spies

A Life in Twilight

Atomic Bomb: The Story of the Manhattan Project  
Inside The Centre  
The Atomic Bomb and American Society  
100 People Who Changed 20th-Century America [2 volumes]  
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*An Enigma* *by guest*

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## **CASON CANTRELL**

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*Oppenheimer and the Manhattan Project*  
Berenberg Verlag GmbH  
Albert Einstein and J. Robert Oppenheimer, two iconic scientists of the twentieth century, belonged to different generations, with the boundary marked by the advent of quantum mechanics. By exploring how these men differed—in their worldview, in their work, and in their day—this book provides powerful insights into the lives of

two critical figures and into the scientific culture of their times. In Einstein's and Oppenheimer's philosophical and ethical positions, their views of nuclear weapons, their ethnic and cultural commitments, their opinions on the unification of physics, even the role of Buddhist detachment in their thinking, the book traces the broader issues that have shaped science and the world. Einstein is invariably seen as a lone and singular genius, while Oppenheimer is generally viewed in a particular scientific, political, and historical context. Silvan Schweber considers the circumstances behind this perception, in Einstein's

coherent and consistent self-image, and its relation to his singular vision of the world, and in Oppenheimer's contrasting lack of certainty and related non-belief in a unitary, ultimate theory. Of greater importance, perhaps, is the role that timing and chance seem to have played in the two scientists' contrasting characters and accomplishments—with Einstein's having the advantage of maturing at a propitious time for theoretical physics, when the Newtonian framework was showing weaknesses. Bringing to light little-examined aspects of these lives, Schweber expands our understanding of

two great figures of twentieth-century physics—but also our sense of what such greatness means, in personal, scientific, and cultural terms.

**Oppenheimer's Choice** Springer Nature A Life in Twilight reveals the least-known and most enigmatic period of J. Robert Oppenheimer's life, from the public humiliation he endured after the 1954 Atomic Energy Commission's investigation into his alleged communist leanings and connections to his death in 1967. It covers Oppenheimer's continued work as a scientist and philosopher and head of the Institute for Advanced Study in Princeton, his often controversial public appearances, as well as parts of his private life. What emerges is a portrait of a man who was toppled from the highest echelons of politics and society, had to see his honor and name blackened, but succeeded in maintaining his dignity and rebuilding a shattered life, although he never truly recovered from the McCarthy-inspired persecution he suffered. Previously unpublished FBI files round out the picture and cast a sinister cloud over Oppenheimer's final years, during which he remained under occasional

surveillance. Mark Wolverton has succeeded in presenting an evenhanded and very well-researched account of a life that ended in twilight. It reads like a written version of the acclaimed film *Good Night, and Good Luck*, and indeed Murrow's interview with Oppenheimer is one of the central elements of the story. *A Life in Twilight* is an important exploration, not only of a prominent scientist and philosopher, but also of an unforgettable era in American history.

*Einstein and Oppenheimer* Oppenheimer In this first in-depth study of how historic scientists and inventors have been portrayed on screen, *A Biographical Encyclopedia of Scientists and Inventors in American Film and TV since 1930* catalogs nearly 300 separate performances and includes essays on the screen images of more than 80 historic scientists, inventors, engineers, and medical researchers.

Taylor & Francis

This volume, prepared by an acknowledged expert on the Manhattan Project, gives a concise, fast-paced account of all major aspects of the project at a level accessible to an undergraduate college or advanced high-school student

familiar with some basic concepts of energy, atomic structure, and isotopes. The text describes the underlying scientific discoveries that made nuclear weapons possible, how the project was organized, the daunting challenges faced and overcome in obtaining fissile uranium and plutonium, and in designing workable bombs, the dramatic Trinity test carried out in the desert of southern New Mexico in July 1945, and the bombings of Hiroshima and Nagasaki.

**Larger Than Life** Walter de Gruyter There's a strong interest in reading for pleasure or self-improvement in America, as shown by the popularity of Harry Potter, and book clubs, including Oprah Winfrey's. Although recent government reports show a decline in recreational reading, the same reports show a strong correlation between interest in reading and academic achievement. This set provides a snapshot of the current state of popular American literature, including various types and genres. The volume presents alphabetically arranged entries on more than 70 diverse literary categories, such as cyberpunk, fantasy literature, flash fiction, GLBTQ literature, graphic novels,

manga and anime, and zines. Each entry is written by an expert contributor and provides a definition of the genre, an overview of its history, a look at trends and themes, a discussion of how the literary form engages contemporary issues, a review of the genre's reception, a discussion of authors and works, and suggestions for further reading. Sidebars provide fascinating details, and the set closes with a selected, general bibliography. Reading in America for pleasure and knowledge continues to be popular, even while other media compete for attention. While students continue to read many of the standard classics, new genres have emerged. These have captured the attention of general readers and are also playing a critical role in the language arts classroom. This book maps the state of popular literature and reading in America today, including the growth of new genres, such as cyberpunk, zines, flash fiction, GLBTQ literature, and other topics. Each entry is written by an expert contributor and provides a definition of the genre, an overview of its history, a look at trends and themes, a discussion of how the literary form engages contemporary

issues, a review of the genre's critical reception, a discussion of authors and works, and suggestions for further reading. Sidebars provide fascinating details, and the set closes with a selected, general bibliography. Students will find this book a valuable guide to what they're reading today and will appreciate its illumination of popular culture and contemporary social issues.

**The Hope And Vision Of J. Robert Oppenheimer** Univ. of Tennessee Press

This invaluable resource offers students a comprehensive overview of the Manhattan Project and the decision to drop the atomic bomb, with more than 80 in-depth articles on a variety of topics and dozens of key primary source documents. This book provides everything readers need to know about the Manhattan Project, the U.S. program that led to the development of the atomic bomb during World War II. It begins with a detailed introduction to the project and includes an alphabetical collection of relevant entries on such topics as the Enola Gay, the first aircraft to drop an atomic bomb; Enrico Fermi, creator of the first nuclear reactor; Hiroshima, the target of the first atomic

bomb; and Robert Oppenheimer, director of the Manhattan Project. Dozens of primary sources include eyewitness accounts, government memos, letters, press releases, and other important documents relevant to the establishment and success of the Manhattan Project. A set of four essays written by prominent scholars address whether the United States was justified in dropping the atomic bomb on Japan. The book also includes a comprehensive chronology that reveals key moments related to the creation of the world's first nuclear weapon as well as a bibliography of resources that points readers toward additional information on the Manhattan Project, nuclear weapons, and World War II.

Atomic Age America Vintage

To what extent does a person's own success result in social transformation? This book offers 100 answers, providing thought-provoking examples of how American culture was shaped within a crucial time period by individuals whose lives and ideas were major agents of change. 100 People Who Changed 20th-Century America provides a two-volume encyclopedia of the individuals whose

contributions to society made the 20th century what it was. Comprising contributions from 20 academics and experts in their field, the thought-provoking essays examine the men and women who have shaped the modern American cultural experience—change agents who defined their time period as a result of their talent, imagination, and enterprise. Organized chronologically by the subjects' birthdates, the essays are written to be accessible to the general reader yet provide in-depth information for scholars, ensuring that the work will appeal to many audiences.

**American Prometheus** Routledge  
Publisher description

*Oppenheimer* Cambridge University Press  
The development of nuclear weapons during the Manhattan Project is one of the most significant scientific events of the twentieth century. This revised and updated 4th edition explores the challenges that faced the scientists and engineers of the Manhattan Project. It gives a clear introduction to fission weapons at the level of an upper-year undergraduate physics student by examining the details of nuclear reactions,

their energy release, analytic and numerical models of the fission process, how critical masses can be estimated, how fissile materials are produced, and what factors complicate bomb design. An extensive list of references and a number of exercises for self-study are included. Revisions to this fourth edition include many upgrades and new sections. Improvements are made to, among other things, the analysis of the physics of the fission barrier, the time-dependent simulation of the explosion of a nuclear weapon, and the discussion of tamped bomb cores. New sections cover, for example, composite bomb cores, approximate methods for various of the calculations presented, and the physics of the polonium-beryllium "neutron initiators" used to trigger the bombs. The author delivers in this book an unparalleled, clear and comprehensive treatment of the physics behind the Manhattan project. *Books and Beyond [4 volumes]* Morgan & Claypool Publishers  
THE INSPIRATION FOR THE MAJOR MOTION PICTURE *OPPENHEIMER* • "A riveting account of one of history's most essential and paradoxical figures."—Christopher

Nolan #1 NEW YORK TIMES BESTSELLER • PULITZER PRIZE WINNER • The definitive biography of J. Robert Oppenheimer, one of the iconic figures of the twentieth century, a brilliant physicist who led the effort to build the atomic bomb for his country in a time of war, and who later found himself confronting the moral consequences of scientific progress. In this magisterial, acclaimed biography twenty-five years in the making, Kai Bird and Martin Sherwin capture Oppenheimer's life and times, from his early career to his central role in the Cold War. This is biography and history at its finest, riveting and deeply informative. "A masterful account of Oppenheimer's rise and fall, set in the context of the turbulent decades of America's own transformation. It is a tour de force." —Los Angeles Times Book Review "A work of voluminous scholarship and lucid insight, unifying its multifaceted portrait with a keen grasp of Oppenheimer's essential nature.... It succeeds in deeply fathoming his most damaging, self-contradictory behavior." —The New York Times  
**Oppenheimer** Harvard University Press  
Just as Henry David Thoreau "traveled a

great deal in Concord,” Nobel Prize-winning physicist Steven Weinberg sees much of the world from the window of his study overlooking Lake Austin. In *Lake Views* Weinberg, considered by many to be the preeminent theoretical physicist alive today, continues the wide-ranging reflections that have also earned him a reputation as, in the words of New York Times reporter James Glanz, “a powerful writer of prose that can illuminate—and sting.” This collection presents Weinberg’s views on topics ranging from problems of cosmology to assorted world issues—military, political, and religious. Even as he moves beyond the bounds of science, each essay reflects his experience as a theoretical physicist. And as in the celebrated *Facing Up*, the essays express a viewpoint that is rationalist, reductionist, realist, and secular. A new introduction precedes each essay, explaining how it came to be written and bringing it up to date where necessary. As an essayist, Weinberg insists on seeing things as they are, without despair and with good humor. Sure to provoke his readers—postmodern cultural critics, enthusiasts for manned space flight or

missile defense, economic conservatives, sociologists of science, anti-Zionists, and religious zealots—this book nonetheless offers the pleasure of a sustained encounter with one of the most interesting scientific minds of our time.

*The Physics of the Manhattan Project*  
World Scientific

On the seventy-fifth anniversary of the first atomic bomb, discover new reflections on the Manhattan Project from President Barack Obama, hibakusha (survivors), and the modern-day mayors of Hiroshima and Nagasaki. The creation of the atomic bomb during World War II, codenamed the Manhattan Project, was one of the most significant and clandestine scientific undertakings of the 20th century. It forever changed the nature of war and cast a shadow over civilization. Born out of a small research program that began in 1939, the Manhattan Project would eventually employ nearly 600,000 people and cost about \$2 billion (\$28.5 billion in 2020) -- all while operating under a shroud of complete secrecy. On the 75th anniversary of this profoundly crucial moment in history, this newest edition of

The Manhattan Project is updated with writings and reflections from the past decade and a half. This groundbreaking collection of essays, articles, documents, and excerpts from histories, biographies, plays, novels, letters, and oral histories remains the most comprehensive collection of primary source material of the atomic bomb.

*The Making of Princeton University*  
Harvard University Press

In 1902, Professor Woodrow Wilson took the helm of Princeton University, then a small denominational college with few academic pretensions. But Wilson had a blueprint for remaking the too-cozy college into an intellectual powerhouse. *The Making of Princeton University* tells, for the first time, the story of how the University adapted and updated Wilson's vision to transform itself into the prestigious institution it is today. James Axtell brings the methods and insights from his extensive work in ethnohistory to the collegiate realm, focusing especially on one of Princeton's most distinguished features: its unrivaled reputation for undergraduate education. Addressing admissions, the curriculum, extracurricular

activities, and the changing landscape of student culture, the book devotes four full chapters to undergraduate life inside and outside the classroom. The book is a lively warts-and-all rendering of Princeton's rise, addressing such themes as discriminatory admission policies, the academic underperformance of many varsity athletes, and the controversial "bicker" system through which students have been selected for the University's private eating clubs. Written in a delightful and elegant style, *The Making of Princeton University* offers a detailed picture of how the University has dealt with these issues to secure a distinguished position in both higher education and American society. For anyone interested in or associated with Princeton, past or present, this is a book to savor.

**Die perfekte Theorie** Ivan R. Dee  
Publisher

*Atomic Age America* looks at the broad influence of atomic energy, focusing particularly on nuclear weapons and nuclear power, on the lives of Americans within a world context. The text examines the social, political, diplomatic, environmental, and technical impacts of

atomic energy on the 20th and 21st centuries, with a look back to the origins of atomic theory.

*The Greatest Shows on Earth* Libri  
Publishing Limited

'Michael Day's insightful 'philosophical biography' of J Robert Oppenheimer stands out from other works on the so-called 'father of the atomic bomb' by its focus on the post-war period and by the depth of its philosophical engagement with his humanistic thought on science and culture.'

*Centaurus* Review Incorporating elements from history, science, philosophy and international relations theory, this book takes a fresh look at the life and thought of Robert Oppenheimer. The author argues that not only are Oppenheimer's ideas important, engaging and relevant, but also more coherent than generally assumed. He makes a convincing case that Oppenheimer has much to say about 21st century issues, and his voice should be brought back into the public forum. The book recovers and reconstructs what Oppenheimer said and wrote during the 1940s, 50s and 60s (i.e., his hope and vision) with the goal of identifying what

might be of general philosophical interest today. It considers not only Oppenheimer's thought, but also his life using philosophical ideas developed by contemporary philosophers. In addition, to deepen and broaden the discussion and demonstrate the relevance of Oppenheimer's vision for the present, the author analyzes his views using contemporary international relations theory with a special emphasis on nuclear nonproliferation and disarmament. This examination reveals ways in which Oppenheimer's reasoning was prescient of current work being carried out to control, and possibly move beyond, the nuclear revolution.

Oppenheimer State University of New York  
Press

Studies examining the ways in which the training of engineers and scientists shapes their research strategies and scientific identities.

**The Manhattan Project and the Dropping of the Atomic Bomb** Random  
House

Das Buch zum Kino-Highlight im Sommer 2023  
Oppenheimer wird eines der großen Kino-Highlights im Sommer 2023 sein. Das

biografische Thriller-Drama über den »Vater der Atombombe« J. Robert Oppenheimer wartet mit einem beeindruckenden Hollywood-Cast auf: Oscar-Preisträger Casey Affleck, Emily Blunt, Matt Damon, Cillian Murphy, Gary Oldman und viele andere sind dabei. Der Film, bei dem Christopher Nolan für Regie und Drehbuch verantwortlich zeichnet, basiert auf dem gleichnamigen Sachbuch von Kai Bird und Martin J. Sherwin. Die Pulitzerpreis-gekrönte Biografie zeigt die Ambivalenzen eines Forschers, der sich zwischen Erkenntnisdrang und ethischer Verantwortung entscheiden muss. *The Manhattan Project* Harvard University Press  
As a former colleague of Oppenheimer's,

Bernstein has composed a narrative that is both personal and historical, bringing the reader closer to the life and workings of an extraordinary and controversial man. *2006/2007* University of Chicago Press  
How-- and how pervasively-- quantum mechanics has entered the general culture is the subject of this book, an engaging, eclectic, and thought-provoking look at the curious, boundlessly fertile intersection of scientific thought and everyday life. *Oppenheimer* Princeton University Press  
*Nuclear Cultures: Irradiated Subjects, Aesthetics and Planetary Precarity* aims to develop the field of nuclear humanities and the powerful ability of literary and cultural representations of science and

catastrophe to shape the meaning of historic events. Examining multiple discourses and textual materials, including fiction, poetry, biographies, comics, paintings, documentary and photography, this volume will illuminate the cultural, ecological and social impact of nuclearization narratives. Furthermore, this text explores themes such as the cultures of atomic scientists, the making of the bomb, nuclear bombings and disasters, nuclear aesthetics and art, and the global mobilization against nuclearization. *Nuclear Cultures* breaks new ground in the debates on "the nuclear" to foster the development of nuclear humanities, its vocabulary and methodology.

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