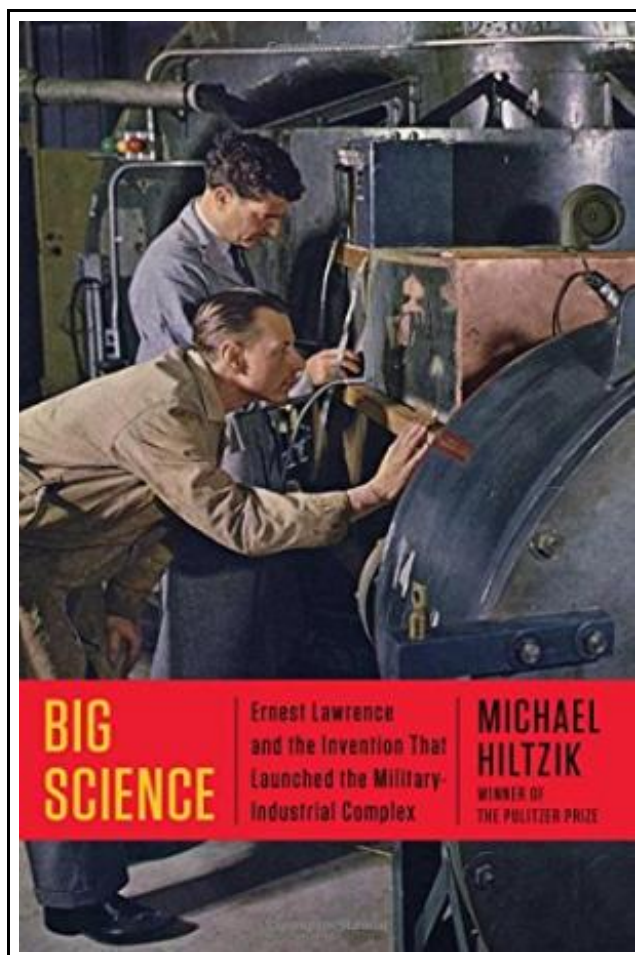


## Big Science: Ernest Lawrence and the Invention that Launched the Military-Indust



Filesize: 3.01 MB

### **Reviews**

*This ebook is great. It typically will not expense a lot of. You will not sense monotony at at any moment of your own time (that's what catalogs are for about when you question me).  
(Shaniya Torphy PhD)*

## BIG SCIENCE: ERNEST LAWRENCE AND THE INVENTION THAT LAUNCHED THE MILITARY-INDUST

[DOWNLOAD](#)

Simon & Schuster. 1 Cloth(s), 2015. hard. Book Condition: New. Also the author of *The New Deal*, *Colossus*, and *Dealers of Lightning*, Pulitzer Prizewinning journalist Michael Hiltzik here tells how science went from blackboards and backyard experiments to the "big" science that engineered the atom bomb, sent people to the moon, and became forever dependent on government and industry. Hiltzik traces the birth of Big Science to Berkeley, California, nearly nine decades ago, when a resourceful young scientist named Ernest Lawrence developed a cyclotron that would revolutionize the study of nuclear physics, leading directly to the Manhattan Project in World War II. Hiltzik's tale is important for understanding how science and politics entwine in the United States, and he moves it along efficiently, with striking details and revealing quotations. "NYTBR" "When the young Berkeley physics professor Ernest Lawrence first envisioned what he called a 'proton merry-go-round,' he recognized its potential to revolutionize science. Hiltzik here tells the fascinating story of how this exceptional scientist won support for his epoch-making research tool and then assembled and managed an unprecedented team of experts who used that tool to penetrate subatomic mysteries." Booklist (starred review) "20th-century science delivered a series of revolutions, none more instantaneous than the microseconds it took to explode the first atomic bomb. By framing this story and the development of the cyclotron that made it possible from the Lawrence/Livermore perspective rather than the Oppenheimer/Los Alamos perspective that has dominated most accounts, Michael Hiltzik sheds fresh light on the transition from small science to big science that we take for granted today. Especially timely is a fascinating account of Lawrence's attempt to return to small science: how do you encourage a small group of scientists to produce big results, rather than the other way around?" George Dyson 512.



[Read Big Science: Ernest Lawrence and the Invention that Launched the Military-Indust Online](#)



[Download PDF Big Science: Ernest Lawrence and the Invention that Launched the Military-Indust](#)

## You May Also Like



**TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Download ePub »](#)



**Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities**

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents...

[Download ePub »](#)



**TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Download ePub »](#)



**Billy's Booger: A Memoir (sorta)**

Atheneum. 1 Cloth(s), 2015. hard. Book Condition: New. From what might not sound like the most promising title (at least to grown-ups), William Joyce introduces readers 6 to 8 to his younger self Billy Joyce,...

[Download ePub »](#)



**America s Longest War: The United States and Vietnam, 1950-1975**

McGraw-Hill Education - Europe, United States, 2013. Paperback. Book Condition: New. 5th. 206 x 137 mm. Language: English . Brand New Book. Respected for its thorough research, comprehensive coverage, and clear, readable style, America s...

[Download ePub »](#)