

1. Record Nr.	UNINA9910956323203321
Titolo	Science and the university / / edited by Paula E. Stephan and Ronald G. Ehrenberg
Pubbl/distr/stampa	Madison, Wis., : University of Wisconsin Press, c2007
ISBN	9786612255977 9781282255975 1282255975 9780299224837 029922483X
Edizione	[1st ed.]
Descrizione fisica	x, 304 p. : ill
Collana	Science and technology in society
Altri autori (Persone)	StephanPaula E EhrenbergRonald G
Disciplina	507/.073
Soggetti	Science - Study and teaching (Higher) - United States Research - United States - Finance Graduate students in science - United States Science students - United States Universities and colleges - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. 265-282) and index.
Nota di contenuto	Who bears the growing cost of science at universities? / Ronald G. Ehrenberg, Michael J. Rizzo and George H. Jakubson -- How does the government (want to) fund science?: politics, lobbying and academic earmarks / John M. de Figueiredo and Brian S. Silverman -- University science research funding: privatizing policy and practice / Risa L. Lieberwitz -- Patterns of research and licensing activity of science and engineering faculty / Jerry G. Thursby and Marie C. Thursby -- Commercialization and the scientific research process: the example of plant breeding / W. Ronnie Coffman, William H. Lesser and Susan R. McCouch -- The importance of foreign Ph.D. students to U.S. science / Grant G. Black and Paula E. Stephan -- Do foreign students crowd out native students from graduate programs? / George J. Borjas -- Foreign scholars in U.S. science: contributions and costs / Paula E. Stephan and

Sharon G. Levin -- The changing composition of American citizen PhDs / Jeffrey A. Groen and Michael J. Rizzo -- Where do new US-trained science engineering PhDs come from? / Richard B. Freeman, Emily Jin, and Chia-Yu Shen -- Global research competition affects U.S. output / Diana M. Hicks -- The workforce for biomedical research-- who will do the work? / Susan A. Gerbi and Howard Garrison.

Sommario/riassunto

Science and the University investigates the tremendous changes that have taken place in university research over the past several decades, gauging the current state of research in higher education and examining issues and challenges crucial to its future. Scientific research increasingly dominates the aims and agendas of many American universities, and this proliferation-and changes in the way research is conducted-has given rise to important questions about the interrelations of higher education, funding for scientific research, and government policy. The cost of doing science, the commercialization of university research, the changing composition and number of Ph.D. students, the effect of scientific research on other university programs--these are just a few of the many issues explored in this volume from the vantage points of scholars in such diverse fields as economics, biochemistry, genetics, and labor studies.
