Record Nr. UNINA9910959228703321 **Titolo** Shaping science and technology policy: the next generation of research // edited by David H. Guston and Daniel Sarewitz Pubbl/distr/stampa Madison, Wis., : University of Wisconsin Press, c2006 **ISBN** 9786612270260 9781282270268 1282270265 9780299219130 0299219135 Edizione [1st ed.] Descrizione fisica 1 online resource (383 pages) Collana Science and technology in society Altri autori (Persone) GustonDavid H SarewitzDaniel R Disciplina 338.9/26 Soggetti Science and state - Decision making Technology and state - Decision making Research - International cooperation Science and state - Citizen participation Technology and state - Citizen participation Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Bibliographic Level Mode of Issuance: Monograph Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Intro -- CONTENTS -- Foreword -- Acknowledgments -- Introduction -- PART 1. SHAPING POLICY -- 1. Ethics, Politics, and the Public: Shaping the Research Agenda -- 2. Federal R& -- D: Shaping the National Investment Portfolio -- 3. Universities and Intellectual Property: Shaping a New Patent Policy for Government Funded Academic Research -- 4. Geography and Spillover: Shaping Innovation Policy through Small Business Research -- PART 2. SHAPING SCIENCE -- 5. EPA's Drinking Water Standards and the Shaping of Sound Science -- 6. The Case of Chemical Hormesis: How Scientific Anomaly Shapes Environmental Science and Policy -- 7. Earmarks and EPSCoR: Shaping the Distribution, Quality, and Quantity of University Research -- 8.

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Sommario/riassunto

With scientific progress occurring at a breathtaking pace, science and technology policy has never been more important than it is today. Yet there is a very real lack of public discourse about policy-making, and government involvement in science remains shrouded in both mystery and misunderstanding. Who is making choices about technology policy. and who stands to win or lose from these choices? What criteria are being used to make decisions and why? Does government involvement help or hinder scientific research? Shaping Science and Technology Policy brings together an exciting and diverse group of emerging scholars, both practitioners and academic experts, to investigate current issues in science and technology policy. Essays explore such topics as globalization, the shifting boundary between public and private, informed consent in human participation in scientific research, intellectual property and university science, and the distribution of the costs and benefits of research. Contributors: Charlotte Augst, Grant Black, Mark Brown, Kevin Elliott, Patrick Feng, Pamela M. Franklin, Carolyn Gideon, Tene N. Hamilton, Brian A. Jackson, Shobita Parthasarathy, Jason W. Patton, A. Abigail Payne, Bhaven Sampat, Christian Sandvig, Sheryl Winston Smith, Michael Whong-Barr