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Specialist in Science and Technology Policy

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Federal Research and Development Funding John F. Sargent (Jr), 2012 This report summarizes budgetary decisions relating to research and development funding for FY2013 The Impact of International Technology Transfer on American Research and Development United States. Congress. House. Committee on Science, Space, and Technology. Subcommittee on Investigations and Oversight, 2012 Energy and Water Development Appropriations for 2013: Dept. of Energy FY 2013 justifications United States. Congress. House. Committee on Appropriations. Subcommittee on Energy and Water Development, 2012 Innovating in a Secret World Tina P. Srivastava, 2019-07-01 Our national security increasingly depends on access to the most sophisticated and advanced technology Yet the next time we set out to capture a terrorist leader we may fail Why The answer lies in a conflict between two worlds One is the dynamic global commercial world with its thriving innovations The other is the world of national security in which innovation is a matter of life or death The conflict is about secrecy Innovating in a Secret World is a detailed examination of the U S government and innovation landscapes and of the current trends in often secret national security related research and development R D Based on case studies detailed research and interviews with executives at Fortune 500s startup entrepreneurs and military directors and program managers this accessible and timely book is a must read Tina P Srivastava evaluates whether the strategy of technology innovation in the world of national security leaves certain innovations behind or unintentionally precludes certain classes of innovators from participating She identifies the unintended consequences and emergent behaviors of this conflict This examination unfolds in a complex dynamic system that includes the legal framework in which technology innovation must exist For more than a decade Srivastava has been on the front lines of cutting edge technology innovation She suggests focusing on an emerging class of R D strategy called open innovation a strategy that broadens participation in innovation beyond an individual organization or division traditionally assigned to perform R D activities Through compelling stories of commercial and early government applications she shows how open technology innovation strategies can enable accelerate and enhance technology innovation Successful incorporation of open innovation into the previously closed U S government R D landscape can yield profound benefits to both national security and global leadership The Routledge Handbook of the Political Economy of Science David Tyfield, Rebecca Lave, Samuel Randalls, Charles Thorpe, 2017-04-28 The political economy of

research and innovation R I is one of the central issues of the early twenty first century Science and innovation are increasingly tasked with driving and reshaping a troubled global economy while also tackling multiple overlapping global challenges such as climate change or food security global pandemics or energy security But responding to these demands is made more complicated because R I themselves are changing Today new global patterns of R I are transforming the very structures institutions and processes of science and innovation and with it their claims about desirable futures Our understanding of R I needs to change accordingly Responding to this new urgency and uncertainty this handbook presents a pioneering selection of the growing body of literature that has emerged in recent years at the intersection of science and technology studies and political economy The central task for this research has been to expose important but consequential misconceptions about the political economy of R I and to build more insightful approaches This volume therefore explores the complex interrelations between R I both in general and in specific fields and political economies across a number of key dimensions from health to environment and universities to the military The Routledge Handbook of the Political Economy of Science offers a unique collection of texts across a range of issues in this burgeoning and important field from a global selection of top scholars The handbook is essential reading for students interested in the political economy of science technology and innovation It also presents succinct and insightful summaries of the state of the art for more advanced scholars

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initiative by making a modest investment of 40 million to 45 million annually in the next surface transportation authorization that would be used to develop the best available guidance quickly on the basis of existing information and then begin to improve that guidance over time as new research is completed *Les études de la Documentation française*, 2014

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