

## How Economics Shapes Science Paula Stephan

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How Economics Shapes Science (2012) by Paula Stephan is a comprehensive study of how economics influences US Science. The book is specific in that it does not look at the European, English or Australian systems although the European and Asian Universities get some mention.

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At a time when science is seen as an engine of economic growth, Paula Stephan brings a keen understanding of the ongoing cost-benefit calculations made by individuals and institutions as they compete for resources and reputation. She shows how universities offload risks by increasing the percentage of non-tenure-track faculty, requiring tenured faculty to pay salaries from outside grants, and staffing labs with foreign workers on temporary visas.

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Laced with dozens of revealing anecdotes about everything from transgenic mice to the competition for high h-indexes and the Nobel Prize, How Economics Shapes Science reveals the economic logic behind the workings of modern science and makes a compelling case for using incentives to rationalize our use of scarce resources. Charles Clotfelter

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### How Economics Shapes Science by Paula Stephan

How Economics Shapes Science Paula Stephan Georgia State University & NBER ASCPT March 2014 . Overview •Economics is about incentives and costs •Talk about how incentives and costs shape practice of science at research universities and medical schools—especially in the area of biomedical sciences and chemistry •Do so by providing

### How Economics Shapes Science

Vivid, thorough, and bold, How Economics Shapes Science highlights the growing gap between the haves and have-nots--especially the vast imbalance between the biomedical sciences and physics/engineering--and offers a persuasive vision of a more productive, more creative research system that would lead and benefit the world.

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### Amazon.com: Customer reviews: How Economics Shapes Science

Published September 19, 2012. Paula Stephan's 'How Economics Shapes Science' both reassures and discourages any would-be scientist considering a six-and-a-half year jaunt through the United States' doctoral system. According to Stephan, money drives everything in American science - from students' willingness to earn tiny stipends for indeterminate lengths of time, to new graduates' decisions between the tenure grind and flight from the academic cloister.

### Book Review: "How Economics Shapes Science", by Paula ...

At a time when science is seen as an engine of economic growth, Paula Stephan brings a keen understanding of the cost-benefit calculations made by individuals and institutions as they compete for resources and reputation in scientific fields.

### How Economics Shapes Science by Paula Stephan (2015, Trade ...

In her new book, How Economics Shapes Science (Harvard University Press), Paula Stephan outlines and explains a wide variety of ways in which economics impacts research, from what motivates scientists to falsify their findings to whether it's cheaper for a lab to employ grad students or postdocs.

### 'How Economics Shapes Science' - Inside Higher Ed

Laced with dozens of revealing anecdotes about everything from transgenic mice to the competition for high "h"-indexes and the Nobel Prize, "How Economics Shapes Science" reveals the economic logic behind the workings of modern science and makes a compelling case for using incentives to rationalize our use of scarce resources.--Charles Clotfelter, Z. Smith Reynolds Professor of Public Policy and Professor of Economics and Law, Duke University

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How Economics Shapes Science By Paula Stephan EBOOK How Economics Shapes Science By Paula Stephan EBOOK Product Details Sales Rank: #62983 in Books Published on: 2015-09-07 Original language: English Number of items: 1 Dimensions: .90" h x 5.70" w x 8.80" l, .0 pounds Binding: Paperback 384 pages 10 of 10 people found the following review helpful.

### Free Download How Economics Shapes Science By Paula ...

I recently finished a very interesting and useful book entitled, "How Economics Shapes Science," written by the economist Paula Stephan (Professor of Economics, Georgia State University and a member of the National Bureau of Economic Research). Stephan is an economist who accidentally became an expert in science economics, a little vignette that sets a nice tone for the book, which is superb overall — well-written, smartly structured, and well-referenced.

### Revisiting a Book Review: How Economics Shapes Science by ...

How Economics Shapes Science is the new book from Paula Stephan, an eminent economist at Georgia State University, who specializes in the study

of the scientific workforce and their careers.

**How Economics Shapes Science by Paula Stephan | Science ...**

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