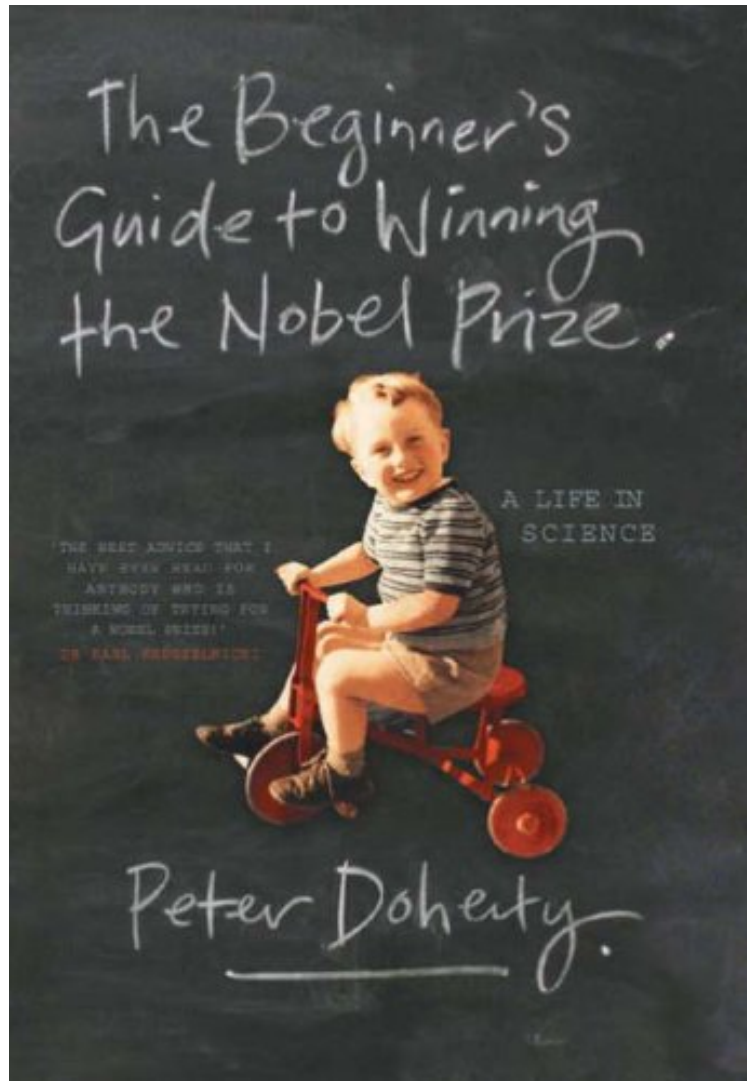


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The Beginner's Guide to Winning the Nobel Prize: Advice for Young Scientists

Peter Doherty DVM

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Peter Doherty DVM : The Beginner's Guide to Winning the Nobel Prize: Advice for Young Scientists before purchasing it in order to gage whether or not it would be worth my time, and all praised The Beginner's Guide to Winning the Nobel Prize: Advice for Young Scientists:

2 of 2 people found the following review helpful. Loved this book!By Godchild From GodvilleGreat book but is definitely not about winning the Nobel Prize. Also, the advice is nothing unique. The real gem of this book is how it discusses the author's path to success, his interests and investment in science, and the sacrifices he and his family made

to get there. I appreciated his humor and his ability to tell an engaging story. If you're interested in learning about the backgrounds behind sciences' most accomplished this is a great start. Recommended for those entering college. 2 of 2 people found the following review helpful. good read By E. J. Siagian I just got done reading this. I would say that this book should be required reading for anyone considering a life in the biomedical sciences. One star off because I thought chapter two was a bit tiresome. 1 of 2 people found the following review helpful. the perfect prof By conchie I It's interesting to consider the trajectory of this scientist. He was a brainy boy from the 'burbs who through calmness, consistency and curiosity earned the Nobel Prize. He reflects on what science is, and what it offers to everyone. The book is easy to read in that the author seems very modest and generous, although I struggled to follow some of the more technical explanation. That's part of the pleasure of the read for me.

In *The Beginner's Guide to Winning the Nobel Prize*, Doherty recounts his unlikely path to becoming a Nobel Laureate. Beginning with his humble origins in Australia, he tells how he developed an interest in immunology and describes his award-winning, influential work with Rolf Zinkernagel on T-cells and the nature of immune defense. In prose that is at turns amusing and astute, Doherty reveals how his nonconformist upbringing, sense of being an outsider, and search for different perspectives have shaped his life and work. Doherty offers a rare, insider's look at the realities of being a research scientist. He lucidly explains his own scientific work and how research projects are selected, funded, and organized; the major problems science is trying to solve; and the rewards and pitfalls of a career in scientific research. For Doherty, science still plays an important role in improving the world, and he argues that scientists need to do a better job of making their work more accessible to the public. Throughout the book, Doherty explores the stories of past Nobel winners and considers some of the crucial scientific debates of our time, including the safety of genetically modified foods and the tensions between science and religion. He concludes with some "tips" on how to win a Nobel Prize, including advice on being persistent, generous, and culturally aware, and he stresses the value of evidence. *The Beginner's Guide to Winning the Noble Prize* is essential reading for anyone interested in a career in science.

From *Publishers Weekly* In 1974, Doherty and Rolf Zinkernagel published a paper on T-cells that changed how researchers thought about the immune system. In 1996, they received a Nobel Prize for that work. Here Doherty reflects on his unexpected journey, from veterinary school in Australia to the royal palace in Stockholm. But this book is not a memoir in the strictest sense it's more like a conversation, full of digressions and anecdotes. Doherty reflects on his life in science, what it means to be a scientist, the difficulty of explaining science to politicians and the importance of everyone understanding how science works. Doherty also does a little to burst the bubble of glory that surrounds the name "Nobel" many Nobel laureates are so swamped with the consequences of their fame that they can't continue their life's work. Doherty, who is now affiliated with St. Jude's Children's Research Hospital in Memphis, Tenn., has advice for the aspiring Nobel laureate that ranges from the profound (be prepared to fail) to the head-smackingly obvious (don't die before you get your accolades). Maybe what it means to win a Nobel is that you get your own soapbox: this is Peter Doherty's, which he uses sometimes well (to change the world) and sometimes less well (to examine pet peeves). (May) Copyright Reed Business Information, a division of Reed Elsevier Inc. All rights reserved. From *Booklist* Australian veterinarians rarely attract the attention of the Nobel Prize Committee. However, 10 years after winning the Nobel Prize for Medicine, this maverick Aussie wants to fit the story of his own scientific odyssey into the much broader tale of Nobel-level research of all kinds. With a lucid style reminiscent of Lewis Thomas, Doherty explains for nonspecialists how various Nobel laureates--including himself--have solved scientific riddles through patient experimentation and theoretical daring. The challenge of making fundamental new scientific discoveries grows complicated, though, when today's sophisticated laboratories, essential for researchers, serve profit-driven corporations or politically volatile governments. And though some Nobel laureates have achieved breakthroughs despite adverse pressures, Doherty worries that scientific progress--particularly in his own field of immunology--may stall if religious fundamentalists continue to gain political traction in the U.S and elsewhere. Such a scientific slowdown, he warns, could expose millions to AIDS and to the looming threat of avian flu. Doherty hopes, however, that open and democratic dialogue will convert morally aroused religionists into the allies, not the foes, of pathbreaking scientists--including tomorrow's Nobel laureates. Bryce Christensen Copyright American Library Association. All rights reserved A highly readable introduction to the modern world of scientific research. (Mary Powers *Commercialappeal.com*) Important to any aspiring scientist. (Bookwatch) A charmingly homely account of his own unlikely path toward this pinnacle. (Margaret Wertheim *Los Angeles Times*) Doherty opens the vault to the world of science. (Nature) *The Beginner's Guide to Winning the Nobel Prize* is an interesting and useful read for up-and-coming scientists. (Journal of the American Medical Association) This extended and amusing memoir does show how the path to a Nobel can be rocky and winding. (Jeff Bairstow *Laser Focus World*)