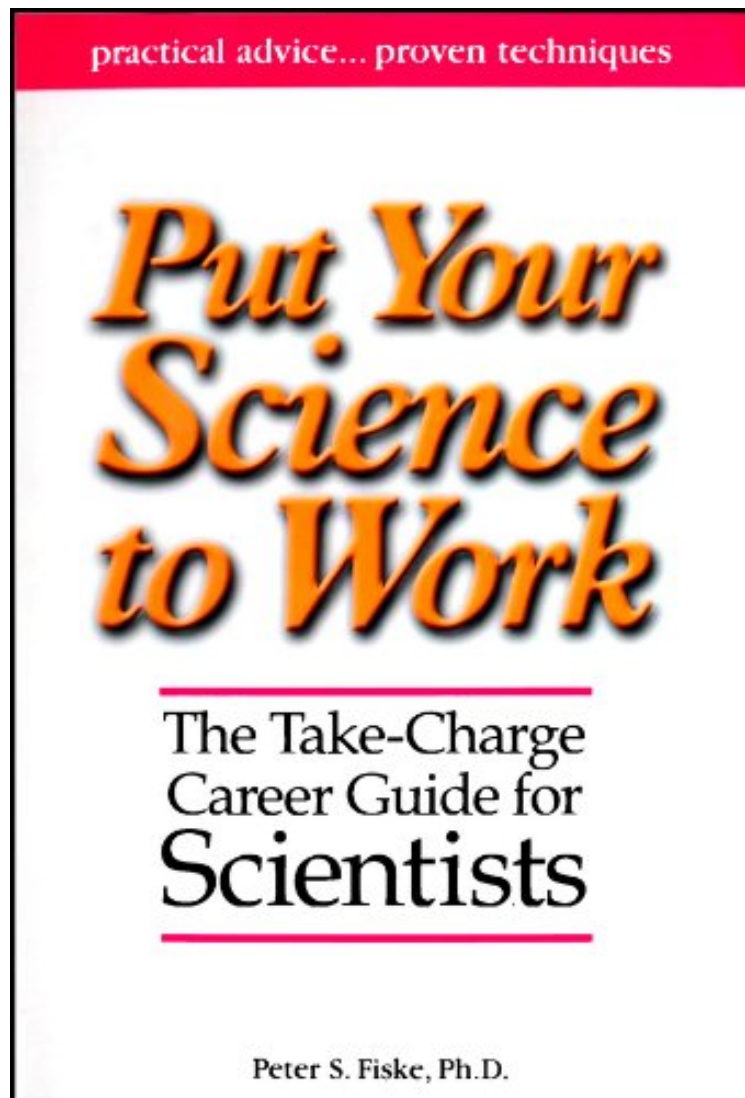


(Download free ebook) Put Your Science to Work: The Take-Charge Career Guide for Scientists (Special Publications)

Put Your Science to Work: The Take-Charge Career Guide for Scientists (Special Publications)

Peter S. Fiske

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Peter S. Fiske : Put Your Science to Work: The Take-Charge Career Guide for Scientists (Special Publications) before purchasing it in order to gauge whether or not it would be worth my time, and all praised Put Your Science to Work: The Take-Charge Career Guide for Scientists (Special Publications):

25 of 25 people found the following review helpful. A wonderful and necessary book for every scientist By John H. Hwung This book can be divided into three sections: 1) The "enlightenment section" - This section is worth one hundred thousand dollars and should be read by every graduate student and mid-career scientist. This is the best part of

the book. It gives the reader the desire and courage to change. It contains:

- Forward - by the President of the National Academy of Sciences
- Preface - by the author
- Chapters 1-2 This section does a good job at changing the mindset of a young or mid-career scientist. The author convincingly told the readers that the total available job market for a scientist is much bigger than just the realm of academia. Also, the author successfully conveyed that the skills a scientist acquired while getting a PhD are also the ones highly useful in the corporate world. Finally, the author bluntly told the reader the some of the skills and habits that make a person successful in the academia are bad for the world outside of the academia.
- The "principle section" - This section is worth ten thousand dollars. This part is the second best of the book. It gives the reader the principles of how to change ones job from inside the academia to the outside world. It contains:
 - Chapter 3 - the stages of change
 - Chapter 4 - the proper career planning processWhy is this section valuable, yet not as good as the first section? It is because it contains the same good career planning principles for every career type, not just for the scientists. While the principles described are good, they are not unique, nor earth-shattering. However, the Stanford Career Planning Model in p32 and the "80:10:10 Rule" in p33 are outstanding. These two pieces of information alone are worth much more than the price of the book.
- The "do-it section" - This section is worth one thousand dollars. This part is the least valuable part of the book. It gives the reader step-by-step procedure of how to look for a job in the outside world. It contains chapters 5 to 13. This section is least valuable because it is not much different from the myriad job hunting books that were written by others. However, chapter 8 on the difference between CVs and resumes, and chapter 10 on resume case studies are very outstanding. These two chapters are worthy of careful reading and are not found in ordinary job searching books.

Note: The author, by revealing an important piece of information in this book, is worthy of great adulation and applause for daring to speak out. In page 1, this author points out the erroneous prediction of shortage of young scientists by National Science Foundation (NSF), which caused "one of the worst job markets for scientists in the past 40 years."

0 of 0 people found the following review helpful. Outdated but still ok
By B. Boggess
The economic bust of 2008 makes this book wildly outdated. The world of industry had changed drastically since the book was published BUT it still has worthwhile points in it.
0 of 0 people found the following review helpful. Five Stars
By Sarah Vogt
Great book for any scientist. This book has helpful advice and help with forming a professional resume.

Published by the American Geophysical Union as part of the Special Publications Series. Whether you are a science undergraduate or graduate student, post-doc or senior scientist, you need practical career development advice. Put Your Science to Work: The Take-Charge Career Guide for Scientists can help you explore all your options and develop dynamite strategies for landing the job of your dreams. Completely revised and updated from the best-selling To Boldly Go: A Practical Career Guide for Scientists, this second edition offers expert help from networking to negotiating a job offer. This is the book you need to start moving your career in the right direction.

From the Publisher
Whether you are a science undergraduate or graduate student, post-doc or senior scientist, you need practical career development advice. Put Your Science to Work: The Take-Charge Career Guide for Scientists can help you explore all your options and develop dynamite strategies for landing the job of your dreams. Completely revised and updated from the best-selling To Boldly Go: A Practical Career Guide for Scientists, this second edition offers expert help from networking to negotiating a job offer. This is the book you need to start moving your career in the right direction.

From the Author
This Book Is About Creating Options and Recognizing Opportunities
Career planning is a process of professional development that is important for every type of career, including research science. This book is not an exhortation for you to abandon your research career goals. Rather, its goal is to show you that a wealth of opportunities exist for you in many career fields, especially because you have an advanced degree in science. Far from being a liability, a scientific training provides powerful problem-solving tools that are valuable in nearly every type of career. We scientists have much to offer the world beyond scholarly research. Ph.D. and Masters degree holders do encounter perceptions from the scientific community, the "outside world," and even within themselves that tend to reduce their career options. This book will help you attack those preconceptions and explore your true range of career options. Exploring alternative careers can be a liberating, empowering, and enjoyable experience. Who knows? Maybe your exploration will confirm your original career goals. No matter what the outcome, you will be better off for the experience both in terms of your own career development and in the advice you may give to your students in the future. Only you can be in control of your career and nobody cares more than YOU about your future.

About the Author
Peter Fiske is a staff scientist at Lawrence Livermore National Laboratory. He lectures on career development at universities and scientific meetings and has written a monthly career advice column, "Tooling Up"; for AAAS's career development web-site.