



# Past, Present, and Future of Statistical Science

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**Past, Present, and Future of Statistical Science** From Chapman and Hall/CRC

**Past, Present, and Future of Statistical Science** was commissioned in 2013 by the Committee of Presidents of Statistical Societies (COPSS) to celebrate its 50th anniversary and the International Year of Statistics. COPSS consists of five charter member statistical societies in North America and is best known for sponsoring prestigious awards in statistics, such as the COPSS Presidents' award.

Through the contributions of a distinguished group of 50 statisticians who are past winners of at least one of the five awards sponsored by COPSS, this volume showcases the breadth and vibrancy of statistics, describes current challenges and new opportunities, highlights the exciting future of statistical science, and provides guidance to future generations of statisticians. The book is not only about statistics and science but also about people and their passion for discovery.

Distinguished authors present expository articles on a broad spectrum of topics in statistical education, research, and applications. Topics covered include reminiscences and personal reflections on statistical careers, perspectives on the field and profession, thoughts on the discipline and the future of statistical science, and advice for young statisticians. Many of the articles are accessible not only to professional statisticians and graduate students but also to undergraduate students interested in pursuing statistics as a career and to all those who use statistics in solving real-world problems. A consistent theme of all the articles is the passion for statistics enthusiastically shared by the authors. Their success stories inspire, give a sense of statistics as a discipline, and provide a taste of the exhilaration of discovery, success, and professional accomplishment.

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## **Past, Present, and Future of Statistical Science From Chapman and Hall/CRC Bibliography**

- Sales Rank: #1331960 in Books
- Published on: 2014-03-26
- Original language: English
- Number of items: 1
- Dimensions: 1.50" h x 6.10" w x 9.20" l, .0 pounds
- Binding: Hardcover
- 646 pages

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## **Editorial Review**

### Review

"This collection of reminiscences, musings on the state of the art, and advice for young statisticians makes for compelling reading. There are 52 contributions from eminent statisticians who have won a Committee of Presidents of Statistical Societies award. Each is a short, focused chapter and so one could even say this is ideal bedtime (or coffee break) reading. Anyone interested in the history of statistics will know that much has been written about the early days but little about the field since the Second World War. This book goes some way to redress this and is all the more valuable for coming from the horse's mouth...the closing chapter, the shortest of all, from Brad Efron: a list of "thirteen rules for giving a really bad talk". This made me laugh out loud and should be posted on the walls of all conferences. I shall leave the final word to Peter Bickel: "We should glory in this time when statistical thinking pervades almost every field of endeavor. It is really a lot of fun."

?Robert Grant, in *Significance*, April 2017

"This volume captures a broad range of views on what makes statistics interesting—with a focus that ranges across the mathematics of statistics, its partnership with computing, the role of statistics in science, the insights that it can provide into diverse areas of science, and the competing philosophies that underpin statistical practice. The contributions vary widely in their sophistication, from those that a first-year undergraduate may read and find interesting to those that make strong mathematical and/or statistical demands."

?*International Statistical Review*, 2015

"This work celebrates the 50th anniversary of the Committee of Presidents of Statistical Societies (COPSS) and the International Year of Statistics. ... Each contributing author is a past winner of a COPSS-sponsored award. This engaging, informative book will be useful for students and researchers planning on entering careers in statistics. ... Highly recommended."

?*CHOICE*, May 2015

"... must-read for statisticians and provide[s] valuable insight for people who are training the next generation of statistical professionals ... The book features 50 chapter authors, each of whom is a recipient of at least one of the awards sponsored by COPSS. It is a distinguished list of contributors, and not surprisingly, the book does not disappoint. ... The COPSS book explores this present vibrancy and vitality across a range of topics that reflect the vast diversity of statistical practice. ... What is particularly useful about this book?in my view?is the documentation of the stories of some statisticians, stories that have relevance for all of us, but perhaps especially for those new to the profession. ... Indeed, for those new to our profession, the COPSS book presents an entire section directed to them titled *Advice for the Next Generation*. ... the book contains some insightful nuggets about the future. ... Fifty great thinkers about statistics provide the reader of the COPSS book with reminiscences to learn from, technical questions to tackle, and challenges that inspire."

?*The American Statistician*, February 2015

"Nat Schenker, president of the American Statistical Association, had this to say about **Past, Present, and Future of Statistical Science**: 'It is a veritable feast, a 50-course buffet prepared by many of the most distinguished statisticians of our day. Enjoyable eating from start to end, and good for you, too.'"

?*Significance Recommended Reading*, December 2014

## **Users Review**

### **From reader reviews:**

#### **Clifford Harvey:**

Why don't make it to become your habit? Right now, try to prepare your time to do the important act, like looking for your favorite book and reading a guide. Beside you can solve your trouble; you can add your knowledge by the book entitled Past, Present, and Future of Statistical Science. Try to stumble through book Past, Present, and Future of Statistical Science as your friend. It means that it can to get your friend when you really feel alone and beside that course make you smarter than ever before. Yeah, it is very fortunated for you personally. The book makes you much more confidence because you can know almost everything by the book. So , let's make new experience and also knowledge with this book.

#### **Steven Jones:**

This book untitled Past, Present, and Future of Statistical Science to be one of several books that will best seller in this year, that's because when you read this e-book you can get a lot of benefit onto it. You will easily to buy this specific book in the book retailer or you can order it via online. The publisher with this book sells the e-book too. It makes you more readily to read this book, since you can read this book in your Mobile phone. So there is no reason to your account to past this guide from your list.

#### **Faye Springer:**

The guide with title Past, Present, and Future of Statistical Science has lot of information that you can understand it. You can get a lot of help after read this book. This kind of book exist new know-how the information that exist in this book represented the condition of the world now. That is important to yo7u to find out how the improvement of the world. This specific book will bring you within new era of the internationalization. You can read the e-book on the smart phone, so you can read this anywhere you want.

#### **Regina Dye:**

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