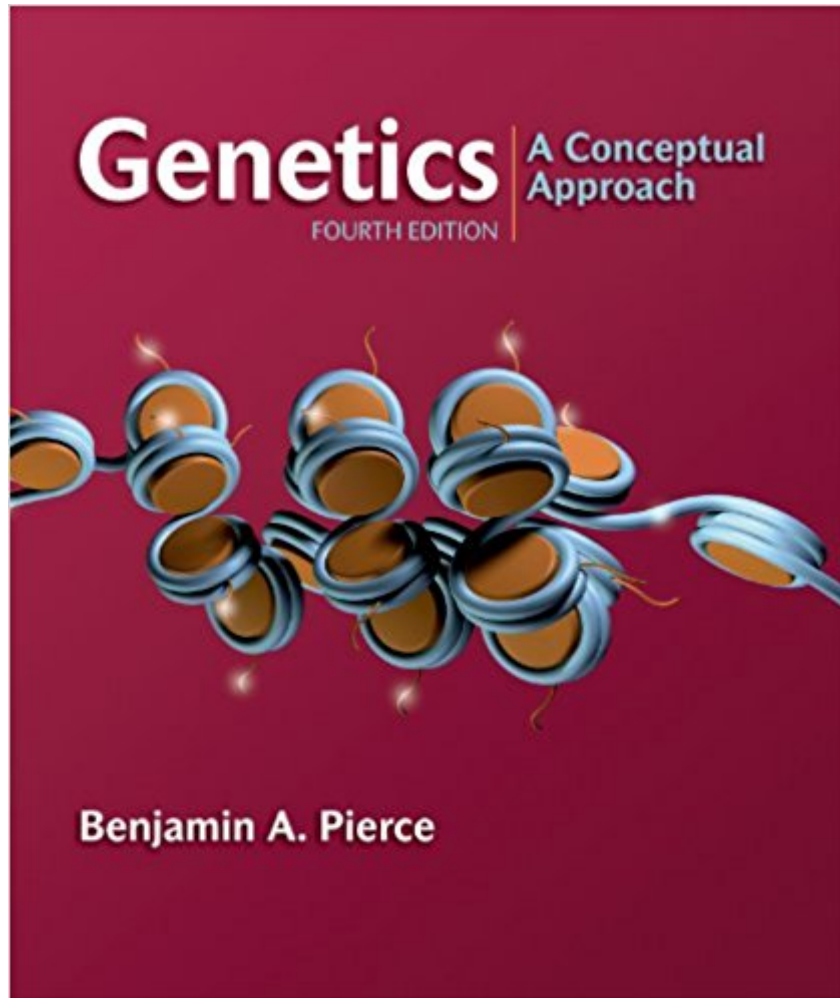


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# Genetics: A Conceptual Approach, 4th Edition



## Synopsis

Since its inception, *Genetics: A Conceptual Approach* has been known for its engaging writing style and its focus on the key concepts in genetics. By presenting key concepts clearly and by helping students make connections between them, Pierce enables students to study the big picture of genetics. The fourth edition includes new coverage on epigenetics, the first synthetic organism, our relationship to Neanderthals, microRNAs, and many other updates and recent discoveries. The popular Chapter-Opening Stories engage students with interesting real-life examples and have been updated. Almost half the stories are new, including new stories on "The Strange Case of Platypus Sex", "Death Cap Poisoning", "Helping the Blind to See" and more. The end-of-chapter problems have also been revised and updated, giving students great new exercises to test their understanding. The text is supported by a companion website ([www.whfreeman.com/pierce4e](http://www.whfreeman.com/pierce4e)) which provides helpful problem-solving videos and interactive animated tutorials and podcasts on key concepts and processes. --This text refers to an out of print or unavailable edition of this title.

## Book Information

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## Customer Reviews

BENJAMIN PIERCE is Professor of Biology and holder of the Lillian Nelson Pratt Chair at Southwestern University, Georgetown, Texas, USA. He is a population geneticist who conducts ecological and evolutionary research on amphibians. Ben has authored a number of articles in research journals and several other books, including: *The Family Genetics Sourcebook*; *Genetics Essentials*; and *Transmission and Population Genetics*. He is a member of the steering committee of the 21st Century Science Coalition, a group of scientists who support strong science standards

for Texas public schools; the President of the Texas Academy of Science; and a member of Phi Beta Kappa and Sigma Xi. He also currently serves on the editorial board of Bioscience. Ben has received research and teaching grants from the Natural Science Foundation, the W. M. Keck Foundation, the 3M Foundation, the National Park Service, the Williamson County Conservation Foundation, and the National Geographic Society.

If your professor doesn't require the 5th edition textbook, this solutions manual is a must. There are minute differences between the 5th edition and the 4th, so this is a cheap alternative if purchased used. I got a good grade in my genetics lecture due to studying the practice material in the book. The only qualm I have is the lack of step by step explanation

This is a very comprehensive review of the Science of Heredity with excellent illustrations that serve to provide an understanding of a very difficult subject. As an anthropologist whose research interest is in peopling of the world, this helped me to understand a growing line of evidence that can support archaeology, biological anthropology, and linguistics in investigating human origins.

This is a great accompaniment for the text Genetics a Conceptual Approach book for the math intensive sections. Renting all the books is a better option because there is newer edition available. Books were practically new when they arrived. Free shipping and return w/ Prime. :)

I have this book in PDF format. I ordered the newer 3rd edition and after a quick review of the 2nd edition pdf and the 3rd edition book to compare information about VNTR's/microsatellites I ordered this 2nd version in hard copy. This book really is a gem. I took Genetics with the book Human Heredity (not suggested for the detail minded) and find this 2nd edition would have been far more helpful. The pictures, charts and figures are outstanding for visual learners. I am not sure what the previous reviewers issue is but this book is really great, especially for the current going prices starting at 6\$. This book can't be beat if you need refreshing or need extreme detail to understand big picture concepts. Highly recommended!

Surprisingly, this book doesn't make you feel bogged down with an overwhelming amount enzymes, gene names, and otherwise esoteric terms. Complex ideas are explained without using overly-technical figures of speech (although there is plenty detail for those looking for it, this book focuses mainly on learning the concepts) in a way that allows you to sit down and read the book

without having to re-read every sentence 10 times because every other word is a proper noun of some sort. Overall, it's a very well written and highly informative book that covers a lot of ground. Recommendable.

I use this book and my required class book *Modern Genetic Analysis: Integrating Genes and Genomes*. And this book has been a great source for understanding the material. This book is more current so the material it presents makes more sense to other gen-bio material learned. I highly recommend it!!

My girlfriend is taking genetics right now and this solution manual is saving her! It has so much helpful problems that are similar to the ones she's getting in class and it just makes life (genetics) a lot easier for her to understand!

This is a great book for learning the concepts of genetics unlike the book written by Griffiths (which is tortuous & complicated). Though that "Introduction to Genetic Analysis" was my required text book, I am reading this *Genetics: A Conceptual Approach* to learn the subject & grasp the concepts. This book is a life-saver & if any one has curiosity or necessity to learn genetics; this is the "GO TO BOOK" trust me; you won't regret getting this book to learn genetics.

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