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Loose-Leaf Version for Genetics: a Conceptual Approach, Update W. H. Freeman  
Estimates indicate that as many as 1 in 4 Americans will experience a mental health problem or will misuse alcohol or drugs in their lifetimes. These disorders are among the most highly stigmatized health conditions in the United States, and they remain barriers to full participation in society in areas as basic as education, housing, and employment. Improving the lives of people with mental health and substance abuse disorders has been a priority in the United States for more than 50 years. The Community Mental Health Act of 1963 is considered a major turning point in America's efforts to improve behavioral healthcare. It ushered in an era of optimism and hope and laid the groundwork for the consumer movement and new models of recovery. The consumer movement gave voice to people with mental and substance use disorders and brought their perspectives and experience into national discussions about mental health. However over the same 50-year period, positive change in American public attitudes and beliefs about mental and substance use disorders has lagged behind these advances. Stigma is a complex social phenomenon based on a relationship between an attribute and a stereotype that assigns undesirable labels, qualities, and behaviors to a person with that attribute. Labeled individuals are then socially devalued, which leads to inequality and discrimination. This report contributes to national efforts to understand and change attitudes, beliefs and behaviors that can lead to stigma and discrimination. Changing stigma in a lasting way will require coordinated efforts, which are based on the best possible evidence, supported at the national level with multiyear funding, and planned and implemented by an effective coalition of representative stakeholders. Ending Discrimination Against People with Mental and Substance Use Disorders: The Evidence for Stigma Change explores stigma and discrimination faced by individuals with mental or substance use disorders and recommends effective strategies for reducing stigma and encouraging people to seek treatment and other supportive services. It offers a set of conclusions and recommendations about successful stigma change strategies and the research needed to inform and evaluate these efforts in the United States.

*Transmission and Population Genetics* Macmillan  
Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanies: 9781464114984. This item is printed on demand.

*Concepts of Biology* WH Freeman  
Never HIGHLIGHT a Book Again! Virtually all of the testable terms, concepts, persons, places, and events from the textbook are included. Cram101 Just the FACTS101 studyguides give all of the outlines, highlights, notes, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanys: 9781429230407 .  
*Studyguide for Genetics Essentials* Cram101  
This new brief version of Benjamin Pierce ' s Genetics: A Conceptual Approach, Second Edition, responds to a growing trend of focusing the introductory course on transmission and population genetics and covering molecular genetics separately. The book is comprised of following chapters an case studies from Pierce's complete text: 1. Introduction to Genetics 2. Chromosomes and Cellular Reproduction 3. Basic Principles of Heredity 4. Sex Determination and Sex-Linked Characteristics 5. Extensions and Modifications of Basic Principles 6. Pedigree Analysis and Applications INTEGRATIVE CASE STUDY Phenylketonuria: Part I 7. Linkage, Recombination, and Eukaryotic Gene Mapping 8. Bacterial and Viral Genetic Systems 9. Chromosome Variation INTEGRATIVE CASE STUDY Phenylketonuria: Part II 22. Quantitative Genetics 23. Population Genetics and Molecular Evolution INTEGRATIVE CASE STUDY Phenylketonuria: Part III

*Nester's Microbiology* W. H. Freeman  
Derived from his popular and acclaimed Genetics: A Conceptual Approach, Ben Pierce’s streamlined text covers basic transmission, molecular, and population genetics in just 18 chapters, helping students uncover major concepts of genetics and make connections among those concepts as a way of gaining a richer understanding of the essentials of genetics. With the new edition, Ben Pierce again focuses on the most pervasive problems for students taking genetics—understanding how genetics concepts connect to each other and developing solid problem solving skills. There is updated coverage of important research developments in genetics (CRISPR) and a new Active Learning feature, Think, Pair, Share. And with this edition, Genetics Essentials is available as a fully integrated text/media resource with SaplingPlus, an online solution that combines an e-book of the text, Pierce’s powerful multimedia resources, and Sapling’s robust genetics problem library.

**Genetics** John Wiley & Sons  
Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanies: 9781429295161. This item is printed on demand.  
**Concepts of Genetics** Macmillan Higher Education

Ben Pierce is recognized for his ability to make the complex subject of genetics as accessible as possible, giving students the big picture. By helping students easily identify the key concepts in genetics and by helping them make connections among concepts, Pierce allows students to learn the material with greater ease. W.H. Freeman is proud to introduce the Fourth Edition of Pierce’s Genetics: A Conceptual Approach. Visit the preview site at [www.whfreeman.com/pierce4epreview](http://www.whfreeman.com/pierce4epreview)  
*Biology* Corwin Press  
"I have been teaching nonmajors biology at the University of Oklahoma since 1997 and over that time have encountered many students who fear science in general and biology in particular. The complexity, abstractions, and unfamiliar terms can seem overwhelming at first, but with practice, I know that anyone can think like a scientist. Learning to think scientifically is important well beyond passing your biology class. After all, scientific issues confront you every day as you navigate your life and your social media accounts. How do you know if a claim about climate change is scientific? Will you be able to identify misinformation and interpret graphs during the next global health crisis? This book will teach you not only to understand the scientific terms you encounter but also to distinguish "good science" from unscientific claims. I've created the following features to help you make the transition from memorizing

facts to understanding concepts-from accepting scientific claims to analyzing them for yourself. These tools will help you to pass your class and to be an informed citizen"--  
*Essentials of Public Health Biology* Macmillan Higher Education  
Essentials of Public Health Biology explores the biologic mechanisms of diseases in both developed and developing countries. A detailed examination of the reciprocal relationships of genetic, environmental, and behavioral determinants of health and disease prepares students to analyze, discuss, and communicate biologic principles of disease.

*Genetics: A Conceptual Approach* W H Freeman & Company  
Statistical methods are a key part of of data science, yet very few data scientists have any formal statistics training. Courses and books on basic statistics rarely cover the topic from a data science perspective. This practical guide explains how to apply various statistical methods to data science, tells you how to avoid their misuse, and gives you advice on what's important and what's not. Many data science resources incorporate statistical methods but lack a deeper statistical perspective. If you’re familiar with the R programming language, and have some exposure to statistics, this quick reference bridges the gap in an accessible, readable format. With this book, you’ll learn: Why exploratory data analysis is a key preliminary step in data science How random sampling can reduce bias and yield a higher quality dataset, even with big data How the principles of experimental design yield definitive answers to questions How to use regression to estimate outcomes and detect anomalies Key classification techniques for predicting which categories a record belongs to Statistical machine learning methods that “learn” from data Unsupervised learning methods for extracting meaning from unlabeled data

**Genetics Essentials plus LaunchPad** National Academies Press  
With Genetics: A Conceptual Approach 7e Digital Update, Ben Pierce brings a master teacher’s experience to the introductory genetics textbook, clarifying this complex subject by focusing on big-picture genetics concepts and how those concepts connect to one another. Genetics: A Conceptual Approach 7e Digital Update continues its mission by expanding upon the powerful pedagogy and tools that have made this title so successful. New question types, more learning guidelines for students, and an updated art program round out a powerful text, and improvements to the online resources in Achieve give students the conceptual and problem solving understanding they need for success.

*Transmission and Population Genetics* Cram101  
Was diabetes evolution's response to the last Ice Age? Did a deadly genetic disease help our ancestors survive the bubonic plagues of Europe? Will a visit to the tanning salon help lower your cholesterol? Why do we age? Why are some people immune to HIV? Can your genes be turned on—or off? Survival of the Sickest is fi lled with fascinating insights and cutting-edge research, presented in a way that is both accessible and utterly absorbing. This is a book about the interconnectedness of all life on earth—and especially what that means for us. Read it. You're already living it.

**Loose-Leaf Version of Genetics Essentials** WH Freeman  
With Genetics: A Conceptual Approach, Ben Pierce brings a master teacher’s experiences to the introductory genetics textbook, clarifying this complex subject by focusing on the big picture of genetics concepts and how those concepts connect to one another.  
**Genetics** National Academies Press  
Genetics Essentials: Concepts and Connections is the ideal brief text for helping students uncover the major concepts of genetics. Developed from Benjamin Pierce's acclaimed Genetics: A Conceptual Approach, this "essentials" text covers basic transmission, molecular, and population genetics in 18 streamlined, clearly illustrated chapters that emphasize the connections among key genetics ideas and the importance of developing solid problem-solving skills.

*Studyguide for Genetics Essentials* John Wiley & Sons  
Concepts of Biology is designed for the single-semester introductory to biology course for non-science majors, which for many students is their only college-level science course. As such, this course represents an important opportunity for students to develop the necessary knowledge, tools, and skills to make informed decisions as they continue with their lives. Rather than being mired down with facts and vocabulary, the typical non-science major student needs information presented in a way that is easy to read and understand. Even more importantly, the content should be meaningful. Students do much better when they understand why biology is relevant to their everyday lives. For these reasons, Concepts of Biology is grounded on an evolutionary basis and includes exciting features that highlight careers in the biological sciences and everyday applications of the concepts at hand.We also strive to show the interconnectedness of topics within this extremely broad discipline. In order to meet the needs of today's instructors and students, we maintain the overall organization and coverage found in most syllabi for this course. A strength of Concepts of Biology is that instructors can customize the book, adapting it to the approach that works best in their classroom. Concepts of Biology also includes an innovative art program that incorporates critical thinking and clicker questions to help students understand--and apply--key concepts.

**Loose-leaf Version for Genetic Essentials** CRC Press  
Derived from his popular and acclaimed Genetics: A Conceptual Approach, Ben Pierce’s streamlined text covers basic transmission, molecular, and population genetics in just 18 chapters, helping students uncover major concepts of genetics and make connections among those concepts as a way of gaining a richer understanding of the essentials of genetics. With the new edition, Ben Pierce again focuses on the most pervasive problems for students taking genetics—understanding how genetics concepts connect to each other and developing solid problem solving skills. And with this edition, Genetics Essentials is available as a fully integrated text/media resource with SaplingPlus, an online solution that combines an e-book of the text, Pierce’s powerful multimedia resources, and Sapling’s robust genetics problem library.  
**Essentials of Assessing, Preventing, and Overcoming Reading Difficulties** Routledge  
Derived from Ben Pierce’s popular and acclaimed Genetics: A Conceptual Approach, this streamlined text covers basic transmission, molecular, and population genetics in just 18 chapters, helping students uncover major concepts of genetics and make connections among those concepts as a way of gaining a richer understanding of the essentials of genetics.  
**Loose-Leaf Version for Genetics Essentials** W. H. Freeman  
This new brief version of Benjamin Pierce’s Genetics: A Conceptual Approach, Third Edition, responds to a growing trend of focusing the introductory course on transmission and population genetics and

covering molecular genetics separately.

**Genetics Essentials** Macmillan Higher Education

"The three authors of this edition-Denise Anderson, Sarah Salm, and Deborah Allen-may be a set of individuals with different insights and unique experiences, but their cooperative relationship defines the word "team." What drives them is a single shared goal: to create the most learning-friendly introductory microbiology textbook available. Each author carefully read all the chapters, looking for parts that could be tweaked for clarity. They did this with students in mind, suggesting simpler words where appropriate while maintaining the scientific rigor so important for today's healthcare professionals. Meanwhile, Gene Nester continued to serve as "team member emeritus," keeping an eagle eye out for updates that could be incorporated into the text. His work established the text's reputation for excellence over the decades, and it lives on in this edition"--

**Student Solutions Manual for Genetic Essentials** WH Freeman

With Genetics: A Conceptual Approach, Ben Pierce brings a master teacher’s experiences to the introductory genetics textbook, clarifying this complex subject by focusing on the big picture of genetics concepts and how those concepts connect to one another. The new edition continues the Pierce tradition of pedagogical excellence and scientific currency. In addition, it features a new digital component, SaplingPlus, combining Sapling’s acclaimed online homework with an extensive suite of interactive learning resources and course management features.