Human Heredity: Principles and Issues (Available Titles CengageNOW)

Michael Cummings
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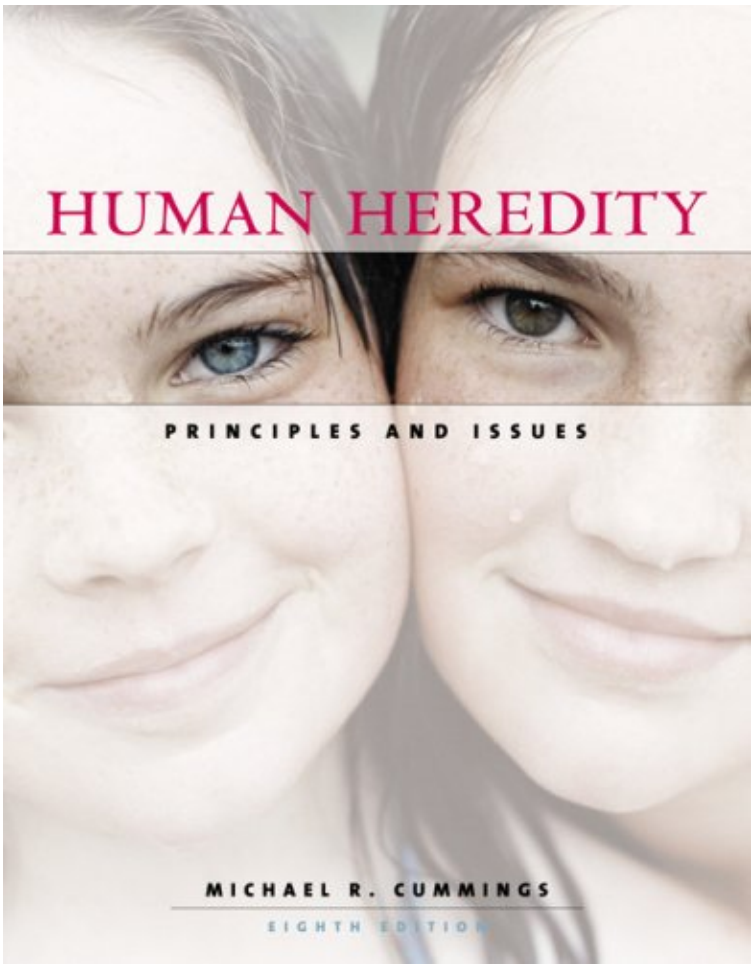

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Michael Cummings : Human Heredity: Principles and Issues (Available Titles CengageNOW) before purchasing it in order to gage whether or not it would be worth my time, and all praised Human Heredity: Principles and Issues (Available Titles CengageNOW):

1 of 1 people found the following review helpful. Readable and worth keeping near at handBy Kevin LloydA really good book that explains, in understandable terms, the principles of heredity. Many examples are used and can be researched to help the reader better understand the topic at hand.0 of 0 people found the following review helpful. Easy required readBy anonymousThis is a required text for my genetics class, however I feel like it's my easiest read for the semester. The author does a good job of providing clinical case studies related to concepts covered in each chapter and has excellent summary tables and figures. Also, the additional online questions are an excellent study aid. This book is expensive for the actual size but had the best deal around.0 of 0 people found the following review

helpful. Had some writing in it, but good.By CustomerGood

Offering in-depth yet accessible coverage, Cummings's HUMAN HEREDITY PRINCIPLES AND ISSUES, Eighth Edition, draws from the most current research in genetics as it presents the latest challenges facing physicians, researchers, and society. Designed for the introductory genetics or heredity course, this concise, well-written, and well-illustrated text combines thorough coverage with a superior supplement and media package that offers a wealth of study tools--including the customized learning paths of CengageNOW. The new eighth edition includes streamlined art, chapter sidebars that address everyday issues, and numerous cases that help you analyze tough decisions. Written by a widely respected genetics authority, HUMAN HEREDITY PRINCIPLES AND ISSUES is known for its student-friendly presentation that introduces complex topics and important concepts with precise logic, without oversimplifying. Demonstrating the process of science while focusing on basic genetics concepts, the text gives you a working knowledge of heredity without the rigorous scientific/quantitative details. It discusses the various genetic services that are now developing--highlighting the social relevance and real-world applications to your other courses and personal life. Emphasizing relevant issues, the text equips you with the insight to make informed decisions about your personal health and public policy, as well as teaches you how to recognize genetic disorders, their causes, and their patterns of inheritance.

"Dr. Cummings has organized this text in a manner that carefully builds from fundamental topics and concepts to more complex modern genetics. His approach to the text is unbiased and balanced on controversial issues. This is the best non-majors genetics textbook available. As always, Michael Cummings writing is clear and precise, perfect for the audience to which it is written. The Cummings book continues to get better. It is carefully written and appropriate for non-majors.""In this edition, Cummings does an excellent job of tackling how biotechnology is changing the way we look at the world through the creation of transgenic organisms and the way that we look at ourselves with new genetic testing procedures and human genomicsWhen using the sixth edition I had augmented the material on biotechnology and genomics. Now with chapters 14 and 15 in the new edition I will not have to do so. The current material is already there.""My impression is quite good. The text is designed for students of a non-biology or non-genetics background, introducing them to the complexities of human genetics without overwhelming them with intense molecular terminologyThe major strength of the manuscript is that it is very readable. Students with limited exposure to genetics should not be intimidated by the text.""The strength of the text is that it begins at a simple level and gets more complex as the chapters proceed. All chapters allow areas for bioethical discussions relevant to the students. This keeps the course interesting for the student and allows for exciting discussions.""I think that more than any other book of its kind, the text succeeds in bringing home the relevancy of the material and making connections with ethical issues that advances in genetics bring with themThe writing style is very accessible to most students. This is the single strongest attribute of the textIn many cases the author introduces a topic or concept and then presents an example that illustrates the topic clearly. This is VERY effective. In addition, the vignettes and "How Would You Vote?" features that have been added provide a nice conceptual framework for the student beginning the chapter. My students already found the book to be user-friendly, and I think the new edition will be an improvement."About the AuthorMichael Cummings is the author and coauthor of a number of widely used college textbooks, including BIOLOGY: SCIENCE AND LIFE; CONCEPTS OF GENETICS; GENETICS: A MOLECULAR PERSPECTIVE; ESSENTIALS OF GENETICS; HUMAN HEREDITY; and HUMAN GENETICS AND SOCIETY. He has also written articles on aspects of genetics for the McGraw-Hill Encyclopedia of Science and Technology and has published a newsletter on advances in human genetics for instructors and students. He received his Ph.D. in Biological Sciences from Northwestern University. His doctoral work, conducted in the laboratory of Dr. R.C. King, centered on ovarian development in Drosophila melanogaster. After a year on the faculty at Northwestern, he moved to the University of Illinois at Chicago, where for many years he held teaching and research positions. In 2003, he joined the faculty in the Department of Biology at the Illinois Institute of Technology, and currently holds the title of Research Professor. His current research interests involve the organization of DNA sequences in the short-arm and centromere region of human chromosome 21. He is engaged in a collaborative effort to construct a physical map of this region of chromosome 21 for the purpose of exploring molecular mechanisms of chromosome interactions. At the undergraduate level, he has focused on teaching genetics, human genetics for non-majors, and general biology to majors and non-majors. He has received awards given by the university faculty for outstanding teaching, has twice been voted by graduating seniors as the best teacher in their years on campus, and has received several teaching awards from student organizations.