



She is a child of the not-too-distant future. One day, she'll see the results of a personal genome scan done shortly after she was conceived and chosen. She'll feel the effects of that information long before she can read, though, because her parents will use it to decide which sports she'll pursue, whether she'll take art or music lessons, and perhaps even which schools she will apply to based on predicted talents in math, science, or languages. At the same time, clues to health in her genome scan suggest the ideal diet to follow and other interventions that might lower the risk of, or actually prevent, illnesses for which she has inherited susceptibilities.

Past editions of this book began with a futuristic scenario of college roommates selecting genetic tests based on their family backgrounds and medical histories, taken in a medical setting. The future is now, the vignette no longer invented. Today, anyone can order genetic tests that offer information on health, ancestry, quirks, talents, and more, with results delivered on the Internet instead of in a doctor's office. All it takes is a DNA sample swished from the mouth and a fee.

How will knowledge of our DNA sequences affect our lives? Will we be able to use the information to improve health, or will it give us more to worry about or discriminate against? Perhaps knowing our genes and genomes will better enable us to recognize and appreciate our traits and talents that are *not* inherited, those that we can better control.

The age of genetic information is upon us. I hope that this book will help to guide you in using the knowledge of our genetic selves wisely.

Ricki Lewis

NEW! Entirely new case workbook written by Ricki Lewis

For those who enjoy learning and teaching from cases, *In the Family: A Case Workbook to accompany Human Genetics, Ninth Edition*, introduces a multi-generational blending of three core families. Each chapter in the workbook corresponds to a textbook chapter and highlights a section of the overall connected pedigree. The workbook is a fun, highly innovative way to apply genetics concepts. Through the narrative and dialog style of the workbook, readers will come to know the various family members, while learning genetics.

Contact your McGraw-Hill sales representative to find out more about packaging *In the Family with Human Genetics, Ninth Edition*.

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