

Did My Genes Make Me Do It And Other Philosophical Dilemmas

GREAT GENES! Baby—Made-to-order Offbeat, klutzy fashion designer Cleo Rose plans to "design" her baby. Her family consists of a bunch of kooks, and she wants to give her child a chance for a regular life. Enter supernormal, brilliant scientist Bryce Hampton, a man with great genes. He's also charming, sexy and wonderful—a man she could love. But Cleo is determined to protect her heart because men like Bryce don't fall for a woman like her...or did they? MAKE ME OVER Wanted: Man, preferably breathing Nell Philips has man problems—how many guys want to date a five-foot-eight-inch cop who's a dead shot and can throw them across the room? Sheriff Mac Cochrane has woman problems—mostly from his mother who wants him to get married. The solution to both their problems is obvious—Mac will teach Nell how to be a sexy siren, and she'll help him find the perfect mate. Trouble is, when Mac sees the made-over Nell, all bets are off. First guy who looks at her sideways is going to get arrested....

Our DNA connects us all, big and small! You Share Genes with Me offers the very youngest readers a playful introduction to genetics. Through simple rhyme and whimsical illustrations, children and older readers alike will discover what they share in common with a monkey, a fish, a fruit fly, even each other.

Did My Genes Make Me Do It?And Other Philosophical DilemmasOneworld Publications Limited

An ethologist shows man to be a gene machine whose world is one of savage competition and deceit

A provocative and timely case for how the science of genetics can help create a more just and equal society In recent years, scientists like Kathryn Paige Harden have shown that DNA makes us different, in our personalities and in our health—and in ways that matter for educational and economic success in our current society. In *The Genetic Lottery*, Harden introduces readers to the latest genetic science, dismantling dangerous ideas about racial superiority and challenging us to grapple with what equality really means in a world where people are born different. Weaving together personal stories with scientific evidence, Harden shows why our refusal to recognize the power of DNA perpetuates the myth of meritocracy, and argues that we must acknowledge the role of genetic luck if we are ever to create a fair society. Reclaiming genetic science from the legacy of eugenics, this groundbreaking book offers a bold new vision of society where everyone thrives, regardless of how one fares in the genetic lottery.

"The book argues for a roughly 10%/90% nature/nurture effect in homosexuality while asserting that any genetic effect is very indirect eg: any physical characteristic making a person feel gender-atypical. The book shows that homosexual orientation is not biologically driven or fixed but that change toward heterosexuality frequently occurs naturally without any therapeutic interventions. It contains arguments not found elsewhere. Using orthodox science and summarising over 10,000 scientific publications and papers, it is nevertheless very accessible to the average reader"--Synopsis on website.

A top behavioral geneticist makes the case that DNA inherited from our parents at the moment of conception can predict our psychological strengths and weaknesses. In *Blueprint*, behavioral geneticist Robert Plomin describes how the DNA revolution has made DNA personal by giving us the power to predict our psychological strengths and weaknesses from birth. A century of genetic research shows that DNA differences inherited from our parents are the consistent life-long sources of our psychological individuality—the blueprint that makes us who we are. This, says Plomin, is a game changer. Plomin has been working on these issues for almost fifty years, conducting longitudinal studies of twins and adoptees. He reports that genetics explains more of the psychological differences among people than all other factors combined.

Genetics accounts for fifty percent of psychological differences—not just mental health and school achievement but all psychological traits, from personality to intellectual abilities. Nature, not nurture is what makes us who we are. Plomin explores the implications of this, drawing some provocative conclusions—among them that parenting styles don't really affect children's outcomes once genetics is taken into effect. Neither tiger mothers nor attachment parenting affects children's ability to get into Harvard. After describing why DNA matters, Plomin explains what DNA does, offering readers a unique insider's view of the exciting synergies that came from combining genetics and psychology.

Professor Robert Plomin, the world's leading geneticist, said in 2014 of his search for genes that explain differences in our psychology: 'I have been looking for these genes for fifteen years. I don't have any'. Using a mixture of famous and ordinary people, Oliver James drills deep down into the childhood causes of our individuality, revealing why our upbringing, not our genes, plays such an important role in our wellbeing and success. The implications are huge: as adults we can change, we can clutch our fates from predetermined destiny, as parents we can radically alter the trajectory of our children's lives, and as a society we could largely eradicate criminality and poverty. Not in Your Genes will not only change the way you think about yourself and the people around you, but give you the fuel to change your personality and your life for the better.

#1 NEW YORK TIMES BESTSELLER • "The story of modern medicine and bioethics—and, indeed, race relations—is refracted beautifully, and movingly."—Entertainment Weekly NOW A MAJOR MOTION PICTURE FROM HBO® STARRING OPRAH WINFREY AND ROSE BYRNE • ONE OF THE "MOST INFLUENTIAL" (CNN), "DEFINING" (LITHUB), AND "BEST" (THE PHILADELPHIA INQUIRER) BOOKS OF THE DECADE • ONE OF ESSENCE'S 50 MOST IMPACTFUL BLACK BOOKS OF THE PAST 50 YEARS • WINNER OF THE CHICAGO TRIBUNE HEARTLAND PRIZE FOR NONFICTION NAMED ONE OF THE BEST BOOKS OF THE YEAR BY The New York Times Book Review • Entertainment Weekly • O: The Oprah Magazine • NPR • Financial Times • New York • Independent (U.K.) • Times (U.K.) • Publishers Weekly • Library Journal • Kirkus Reviews • Booklist • Globe and Mail Her name was Henrietta Lacks, but scientists know her as HeLa. She was a poor Southern tobacco farmer who worked the same land as her slave ancestors, yet her cells—taken without her knowledge—became one of the most important tools in medicine: The first "immortal" human cells grown in culture, which are still alive today, though she has been dead for more than sixty years. HeLa cells were vital for developing the polio vaccine; uncovered secrets of cancer, viruses, and the atom bomb's effects; helped lead to important advances like in vitro fertilization, cloning, and gene mapping; and have been bought and sold by the billions. Yet Henrietta Lacks remains virtually unknown, buried in an unmarked grave. Henrietta's family did not learn of her "immortality" until more than twenty years after her death, when scientists investigating HeLa began using her husband and children in research without informed consent. And though the cells had launched a multimillion-dollar industry that sells human biological

materials, her family never saw any of the profits. As Rebecca Skloot so brilliantly shows, the story of the Lacks family—past and present—is inextricably connected to the dark history of experimentation on African Americans, the birth of bioethics, and the legal battles over whether we control the stuff we are made of. Over the decade it took to uncover this story, Rebecca became enmeshed in the lives of the Lacks family—especially Henrietta’s daughter Deborah. Deborah was consumed with questions: Had scientists cloned her mother? Had they killed her to harvest her cells? And if her mother was so important to medicine, why couldn’t her children afford health insurance? Intimate in feeling, astonishing in scope, and impossible to put down, *The Immortal Life of Henrietta Lacks* captures the beauty and drama of scientific discovery, as well as its human consequences.

A crash course in genetics! Everyone knows that if you come from a family of brunettes, you’re likely to be born with brown hair. But did you know your hair color may also affect how often you get sunburned? Or how often you need to take vitamin supplements? *What’s in Your Genes?* goes beyond Gregor Mendel and dominant/recessive genes to show you all the ins and outs of what determines your DNA. Each entry provides you with a sneak peek into your DNA sequence and teaches you exactly how your body is able to create that wonderful you-ness that no one else has. From your tastebuds to your eye color to your obsession with clinical-strength deodorants, this book not only guides you through the history and study of genetics, but also shows you how those four little letters in your DNA make you who you are. Complete with imaginative illustrations, *What’s in Your Genes?* reveals all there is to know about heredity—like the science behind vibrant red hair, perfect teeth, and your ability to see in color.

The #1 NEW YORK TIMES Bestseller The basis for the PBS Ken Burns Documentary *The Gene: An Intimate History* From the Pulitzer Prize-winning author of *The Emperor of All Maladies*—a fascinating history of the gene and “a magisterial account of how human minds have laboriously, ingeniously picked apart what makes us tick” (Elle). “Sid Mukherjee has the uncanny ability to bring together science, history, and the future in a way that is understandable and riveting, guiding us through both time and the mystery of life itself.” —Ken Burns “Dr. Siddhartha Mukherjee dazzled readers with his Pulitzer Prize-winning *The Emperor of All Maladies* in 2010. That achievement was evidently just a warm-up for his virtuoso performance in *The Gene: An Intimate History*, in which he braids science, history, and memoir into an epic with all the range and biblical thunder of *Paradise Lost*” (The New York Times). In this biography Mukherjee brings to life the quest to understand human heredity and its surprising influence on our lives, personalities, identities, fates, and choices. “Mukherjee expresses abstract intellectual ideas through emotional stories...[and] swaddles his medical rigor with rhapsodic tenderness, surprising vulnerability, and occasional flashes of pure poetry” (The Washington Post). Throughout, the story of Mukherjee’s own family—with its tragic and bewildering history of mental illness—reminds us of the questions that hang over our ability to translate the science of genetics from the laboratory to the real world. In riveting and dramatic prose, he describes the centuries of research and experimentation—from Aristotle and Pythagoras to Mendel and Darwin, from Boveri and Morgan to Crick, Watson and Franklin, all the way through the revolutionary twenty-first century innovators who mapped the human genome. “A fascinating and often sobering history of how humans came to understand the roles of genes in making us who we are—and what our manipulation of those genes might mean for our future” (Milwaukee Journal-Sentinel), *The Gene* is the revelatory and magisterial history of a scientific idea coming to life, the most crucial science of our time, intimately explained by a master. “*The Gene* is a book we all should read” (USA TODAY).

There is a common misconception that our genomes - all unique, except for those in identical twins - have the upper hand in controlling our destiny. The latest genetic discoveries, however, do not support that view. Although genetic variation does influence differences in various human behaviours to a greater or lesser degree, most of the time this does not undermine our genuine free will. Genetic determinism comes into play only in various medical conditions, notably some psychiatric syndromes. Denis Alexander here demonstrates that we are not slaves to our genes. He shows how a predisposition to behave in certain ways is influenced at a molecular level by particular genes. Yet a far greater influence on our behaviours is our world-views that lie beyond science - and that have an impact on how we think the latest genetic discoveries should, or should not, be applied. Written in an engaging style, Alexander's book offers tools for understanding and assessing the latest genetic discoveries critically.

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By sharing the story of her genes, Mom is empowering her children to learn about their family's health history. *Mom's Genes* will help you start a conversation with your young children about genetics and how it plays a role in their own health. With age appropriate content, rhythm verse and vivid illustrations, *Mom's Genes* can help you teach your children the importance of being proactive about their health and wellness at a young age. *Mom's Genes* also includes interactive elements such as a search and find game, a glossary to emphasize key concepts, and a simple family tree for young children to use to explore their own family history. *Mom's Genes* was written by Shannon Pulaski. Just four months after giving birth to her twin daughters, Shannon discovered that she inherited a genetic mutation that greatly increased her risk of developing cancer in her lifetime. Understanding what was at risk, she made the decision to be proactive about her health and take affirmative action to reduce her risk of hereditary cancer. As a mother, Shannon Pulaski has felt compelled to share her family's health history with her children so that they can understand risk, live proactively, and become educated patients. She created *Mom's Genes* to help families get a conversation started about their own family's health history. To learn more, visit www.proactivegenes.com

2019 PEN/E.O. Wilson Literary Science Writing Award Finalist "Science book of the year"—The Guardian One of New York Times 100 Notable Books for 2018 One of Publishers Weekly's Top Ten Books of 2018 One of Kirkus's Best Books of 2018 One of Mental Floss's Best Books of 2018 One of Science Friday's Best Science Books of 2018 “Extraordinary”—New York Times Book Review “Magisterial”—The Atlantic “Engrossing”—Wired “Leading contender as the most outstanding nonfiction work of the year”—Minneapolis Star-Tribune Celebrated New York Times columnist and science writer Carl Zimmer presents a profoundly original perspective on what we pass along from generation to generation. Charles Darwin played a crucial part in turning heredity into a scientific question, and yet he failed spectacularly to answer it. The birth of genetics in the early 1900s seemed to do precisely that. Gradually, people translated their old notions about heredity into a language of genes. As the technology for studying genes became cheaper, millions of people ordered genetic tests to link themselves to missing parents, to distant ancestors, to ethnic identities... But, Zimmer writes, “Each of us carries an amalgam of fragments of DNA, stitched together from some of our many ancestors. Each piece has its own ancestry, traveling a different path back through human history. A particular fragment may sometimes be cause for worry, but most of our DNA influences who we are—our appearance, our height, our penchants—in inconceivably subtle ways.” Heredity isn’t just about genes that pass from parent to child. Heredity continues within our own bodies, as a single cell gives rise to trillions of cells that make up our bodies. We say we inherit genes from our ancestors—using a word that once referred to kingdoms and estates—but we inherit other things that matter as much or more to our lives, from microbes to technologies we use to make life more comfortable. We need a new definition of what heredity is and, through Carl Zimmer’s lucid exposition and storytelling, this resounding tour de force delivers it. Weaving historical and current scientific research, his own experience with his two daughters, and the kind of original reporting expected of one of the world’s best science journalists, Zimmer ultimately unpacks urgent bioethical quandaries arising from new biomedical technologies, but also long-standing presumptions about who we really are and what we can pass on to future generations.

David Reich describes how the revolution in the ability to sequence ancient DNA has changed our understanding of the deep human past. This book tells the emerging story of our often surprising ancestry - the extraordinary ancient migrations and mixtures of populations that have made us who we are.

Dawson Church applies the insights of the new field of Epigenetics (epi=above, i.e. control above the level of the gene) to healing. Citing hundreds of scientific studies, he shows how beliefs and emotions can trigger the expression of DNA strands. He focuses on a class of genes called Immediate Early Genes or IEGs. These genes turn on within a few seconds of a stimulus. They can be triggered by thoughts or emotions. Many IEGs are regulatory genes that turn on other genes that affect specific aspects of our immune system, such as the production of white blood cells that destroy attacking bacteria and viruses. Epigenetics thus influences our health every day. He coins the new term "Epigenetic Medicine" to describe healing techniques with epigenetic effects. He also summarises the science behind the infant fields of Energy Psychology and Energy Medicine, both of which offer promising epigenetic medical therapies, and describes a few of the thousands of powerful personal breakthroughs that are being achieved by therapists, doctors and lay people practising these techniques. "The Genie in Your Genes" shows that there is a sound theoretical framework, based on credible experiments, for understanding these astonishing results, and predicts that the insights of Epigenetic Medicine will dramatically advance the fields of both medicine and psychology in the coming decade. Best of all, the book demonstrates that, by taking control of our consciousness and using it to influence our genetic expression, we can sometimes bypass years of therapy, as well as harmful drugs and invasive surgeries, to, in effect, do continuous genetic engineering on our own bodies. This can produce both immediate relief from long-standing anxieties and neuroses, as well as "miraculous" healing of persistent physical conditions, especially autoimmune diseases. Among a new crop of books that chart the way to a positive health future, *The Genie in Your Genes* stands out as a solidly grounded and exciting pointer to the future possibilities of a medicine that links soul to body and mind.

HAVE YOU EVER wondered what makes you, You? Join Poppy on her journey into the fascinating world of her genetics. Learn how Poppy's genes created her red hair and blue eyes -- and trace these traits through her family tree. Poppy's genes are not the only things that help make her unique. Discover, with Poppy, how your genes and the world around you can shape who you are. - What makes you unique? - Why do you look like your family? - What do genes have to do with it? Join Poppy to find out answers to these questions and more.

Predictive medicine is the most exciting—and potentially groundbreaking—medical development in decades. Written by Brandon Colby, MD, a leader in the fields of predictive medicine and genetic testing, *Outsmart Your Genes* will empower you, the reader, with a clear understanding of exactly what predictive medicine entails and how it can be used today to protect your health as well as the health of those you love. Written in straightforward, nontechnical language, *Outsmart Your Genes* enables everyone, even those without any background in genetics or medicine, to understand the benefits of predictive medicine. Separating myth from fact and answering all the tough questions, *Outsmart Your Genes* clearly explains: How the revolutionary new medical specialty called predictive medicine analyzes your genes and provides you with clear solutions to protect your health and wellbeing. What the process will entail and how simple it is. For example, the process doesn't even require blood or use needles – instead, all that's needed in order to run the analysis is a small amount of your saliva. What your genes can reveal about your overall health and how we can use that information to provide you with a genetically tailored plan for preventing cancer, Alzheimer's, heart disease, obesity, and many other conditions. As opposed to just generalities, specific examples are given so that you'll know exactly how medicine will improve your life. The many ways in which learning about your genes can help you formulate a genetically tailored nutrition and athletic plan that may help you shed those extra pounds and stay trim and fit. How predictive medicine can help both prospective and current parents protect their children against SIDS and also help minimize the impact of and most effectively treat many other childhood diseases such as autism, asthma, dyslexia, obesity, and diabetes. Why analyzing your children's genes may provide the best chance they have to fight against diseases that may not affect them until later in life, including Alzheimer's, many forms of cancer (such as breast cancer and skin cancer), multiple sclerosis, and even hearing loss. How groundbreaking advancements in the fields of genetic analysis, including predictive medicine panels and disease matrix technology, allow you and your physician to avoid information overload and focus only on the information most relevant to you. The important concepts you need to understand before speaking with a doctor. The top five questions you need to ask in order to assess: The credibility of the laboratory doing the testing. The types of diseases included in the test. How thoroughly the test actually evaluates your risk for each of the diseases. Whether the information is provided in a way that makes it actionable. Whether the results will be delivered in a format that is straightforward and easy to understand.

Sociogenomics has rapidly become one of the trendiest sciences of the new millennium. Practitioners view human nature and life outcomes as the result of genetic and social factors. In *Social by Nature*, Catherine Bliss recognizes the promise of this interdisciplinary young science, but also questions its implications for the future. As she points out, the claim that genetic similarities cause groups of people to behave in similar ways is not new—and a dark history of eugenics warns us of its dangers. Over the last decade, sociogenomics has enjoyed a largely uncritical rise to prominence and acceptance in popular culture. Researchers have published studies showing that things like educational attainment, gang membership, and life satisfaction are encoded in our DNA long before we say our first word. Strangely, unlike the racial debates over IQ scores in the '70s and '90s, sociogenomics has not received any major backlash. By exposing the shocking parallels between sociogenomics and older, long-discredited, sciences, Bliss persuasively argues for a more thoughtful public reception of any study that reduces human nature to a mere sequence of genes. This book is a powerful call for researchers to approach their work in more socially responsible ways, and a must-read for anyone who wants to better understand the scholarship that impacts how we see ourselves and our society.

The purpose of this manual is to provide an educational genetics resource for individuals, families, and health professionals in the New York - Mid-Atlantic region and increase awareness of specialty care in genetics. The manual begins with a basic introduction to genetics concepts, followed by a description of the different types and applications of genetic tests. It also provides information about diagnosis of genetic disease, family history, newborn screening, and genetic counseling. Resources are included to assist in patient care, patient and professional education, and identification of specialty genetics services within the New York - Mid-Atlantic region. At the end of each section, a list of references is provided for additional information. Appendices can be copied for reference and offered to patients. These take-home resources are critical to helping both providers and patients understand some of the basic concepts and applications of genetics and genomics.

What are genes? What do genes do? These seemingly simple questions are in fact challenging to answer accurately. As a result, there are widespread misunderstandings and over-simplistic answers, which lead to common conceptions widely portrayed in the media, such as the existence of a gene 'for' a particular characteristic or disease. In reality, the DNA we inherit interacts continuously with the environment and functions differently as we age. What our parents hand down to us is just the beginning of our life story. This comprehensive book analyses and explains the gene concept, combining philosophical, historical, psychological and educational perspectives with current research in genetics and genomics. It summarises what we currently know and do not know about genes and the potential impact of genetics on all our lives. *Making Sense of Genes* is an accessible but rigorous introduction to contemporary genetics concepts for non-experts, undergraduate students, teachers and healthcare professionals.

Bill Griffeth, longtime genealogy buff, takes a DNA test that has an unexpected outcome: "If the results were correct, it meant that the family tree I had spent years documenting was not my own." Bill undertakes a quest to solve the mystery of his origins, which shakes his sense of identity. As he takes us on his journey, we learn about choices made by his ancestors, parents, and others - and we see Bill measure and weigh his own difficult choices as he confronts the past.

The *Genetics of Alcoholism* introduces a new series, 'Alcohol and Alcoholism', that will cover most of the significant aspects - biological, psychological and social - of this subject. The series' theoretical framework will be the biopsychosocial approach. This first volume addresses

in depth the genetic influences that contribute ultimately to the development of alcoholism. It is the first comprehensive book on this subject. This is a story about you. It is the history of who you are and how you came to be. It is unique to you, as it is to each of the 100 billion modern humans who have ever drawn breath. But it is also our collective story, because in every one of our genomes we each carry the history of our species - births, deaths, disease, war, famine, migration and a lot of sex. In this captivating journey through the expanding landscape of genetics, Adam Rutherford reveals what our genes now tell us about human history, and what history can now tell us about our genes. From Neanderthals to murder, from redheads to race, dead kings to plague, evolution to epigenetics, this is a demystifying and illuminating new portrait of who we are and how we came to be.

What does the birth of babies whose embryos had gone through genome editing mean--for science and for all of us? In November 2018, the world was shocked to learn that two babies had been born in China with DNA edited while they were embryos--as dramatic a development in genetics as the cloning of Dolly the sheep was in 1996. In this book, Hank Greely, a leading authority on law and genetics, tells the fascinating story of this human experiment and its consequences. Greely explains what Chinese scientist He Jiankui did, how he did it, and how the public and other scientists learned about and reacted to this unprecedented genetic intervention.

Genes and the Bioimaginary reflects on the rise and cultural apotheosis of the gene, examining the 'genetification' of culture and shedding light on emergence of the gene at the intersection of science and culture and as a product of science as culture. Employing a distinctive array of interdisciplinary analytic tools, it explores the rise of the gene in several respects: as a site of knowledge production crossing boundaries between the clinical-scientific and the popular; as a gateway technology and locus of transforming bioethical values and modes of bodily governance; and as site of spectacle, projective fantasy and attachment.

Program discusses the Human Genome Project, the science behind it, and the ethical, legal and social issues raised by the project.

In this volume, the psychiatrist Robert Klitzman explores how individuals confront the complex issues associated with genetic testing in their daily lives.

Instant National Bestseller After suffering for years with unexplainable health issues, Dr. Ben Lynch discovered the root cause—"dirty" genes. Genes can be "born dirty" or merely "act dirty" in response to your environment, diet, or lifestyle—causing lifelong, life-threatening, and chronic health problems, including cardiovascular disease, autoimmune disorders, anxiety, depression, digestive issues, obesity, cancer, and diabetes. Based on his own experience and successfully helping thousands of clients, Dr. Lynch shows you how to identify and optimize both types of dirty genes by cleaning them up with targeted and personalized plans, including healthy eating, good sleep, stress relief, environmental detox, and other holistic and natural means. Many of us believe our genes doom us to the disorders that run in our families. But Dr. Lynch reveals that with the right plan in place, you can eliminate symptoms, and optimize your physical and mental health—and ultimately rewrite your genetic destiny.

Why are you attracted to a certain "type?" Why are you a morning person? Why do you vote the way you do? From a witty new voice in popular science comes a clever, life-changing look at what makes you you. "I can't believe I just said that." "What possessed me to do that?" "What's wrong with me?" We're constantly seeking answers to these fundamental human questions, and now, science has the answers. The foods we enjoy, the people we love, the emotions we feel, and the beliefs we hold can all be traced back to our DNA, germs, and environment. This witty, colloquial book is popular science at its best, describing in everyday language how genetics, epigenetics, microbiology, and psychology work together to influence our personality and actions. Mixing cutting-edge research and relatable humor, *Pleased to Meet Me* is filled with fascinating insights that shine a light on who we really are--and how we might become our best selves.

If you restrict, binge, purge, excessively diet or weigh yourself, exercise compulsively, or engage routinely and obsessively in any other food or weight related behaviors, this book will help you find the road to recovery. The authors, one a former patient of the other, both have their own histories battling the disorder. Interweaving personal narrative with the perspective of their own therapist-client relationship, their insights bring an unparalleled depth of awareness into just what it takes to successfully beat this clinical issue.

The authors explore the question of whether our sexual orientation is inherited or if it is a product of our upbringing and/or environment. Many people think gays are born that way, and few understand enough about genetics and human biology to mount a thorough defense of the facts. *My Genes Made Me Do It* explains the role of genetics and biology in human behavior with a particular, though not exclusive, emphasis on homosexuality. Conventional scientific method and research findings are brought together in a fresh, original way to argue that no human behaviors are biologically determined.

On this fascinating journey, navigating the borders where science and philosophy meet, Avrum Stroll addresses the major dilemmas that have perplexed humanity since the dawn of reason.

Raising hopes for disease treatment and prevention, but also the specter of discrimination and "designer genes," genetic testing is potentially one of the most socially explosive developments of our time. This book presents a current assessment of this rapidly evolving field, offering principles for actions and research and recommendations on key issues in genetic testing and screening. Advantages of early genetic knowledge are balanced with issues associated with such knowledge: availability of treatment, privacy and discrimination, personal decisionmaking, public health objectives, cost, and more. Among the important issues covered: Quality control in genetic testing. Appropriate roles for public agencies, private health practitioners, and laboratories. Value-neutral education and counseling for persons considering testing. Use of test results in insurance, employment, and other settings.

Have you ever heard of a person who left you wondering, "How could someone be so twisted? So evil?" Prompted by clues in her sister's diary after her mysterious death, author Barbara Oakley takes the reader inside the head of the kinds of malevolent people you know, perhaps all too well, but could never understand. Starting with psychology as a frame of reference, Oakley uses cutting-edge images of the working brain to provide startling support for the idea that "evil" people act the way they do mainly as the result of a dysfunction. In fact, some deceitful, manipulative, and even sadistic behavior appears to be programmed genetically—suggesting that some people really are born to be bad. Oakley links the latest findings of molecular research to a wide array of seemingly unrelated historical and current phenomena, from the

harems of the Ottomans and the chummy jokes of "Uncle Joe" Stalin, to the remarkable memory of investor Warren Buffet. Throughout, she never loses sight of the personal cost of evil genes as she unravels the mystery surrounding her sister's enigmatic life—and death. *Evil Genes* is a tour-de-force of popular science writing that brilliantly melds scientific research with intriguing family history and puts both a human and scientific face to evil.

Norma and Jack Sidebottom were thrilled to adopt cheerful, chubby little Kathy Ann. They were modest, humble, dedicated parents. But little did they know they would be raising a drama queen. Kathy's antics and their trials are just a part of the story. Later in life, courtesy of 23andMe, Kathy discovered the origin of her dramatic tendencies. She found her father on the FBI's Most Wanted List and unearthed her birthmother's lifelong secret. Not only is this an entertaining tale with a built-in murder mystery, but *It's in My Genes* explores the combined roles of nature and nurture in identity development. An addendum explaining the scientific process used to locate each birthparent is included to satisfy genealogy buffs.

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