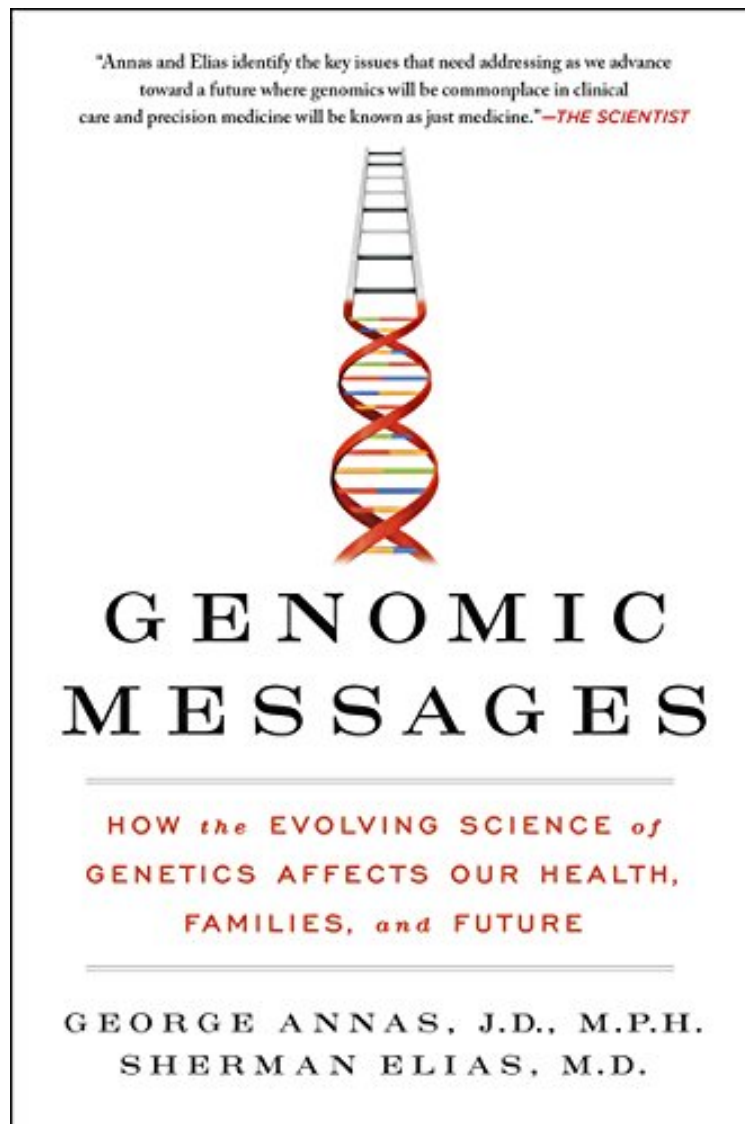


(Read free) Genomic Messages: How the Evolving Science of Genetics Affects Our Health, Families, and Future

Genomic Messages: How the Evolving Science of Genetics Affects Our Health, Families, and Future

George Annas, Sherman Elias
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George Annas, Sherman Elias : **Genomic Messages: How the Evolving Science of Genetics Affects Our Health, Families, and Future** before purchasing it in order to gage whether or not it would be worth my time, and all praised Genomic Messages: How the Evolving Science of Genetics Affects Our Health, Families, and Future:

1 of 1 people found the following review helpful. Data Driven Genomic MessagesBy Michael GoetzmanAs with most

transformative insights science fiction predicts the future! In the movie GATTACA humanity alters into enhanced genetically modified humans. This movie brought me into this science world in 1997 and by 2007 with nextgen sequencing I witnessed companies like 23andme offering genetics direct to the consumers. Then in 2012 with the discovery of CRISPR/Cas9 and Targeted Genome Editing I was really interested and ultimately now in the present we can modify any living organism including humans. Science Fiction is reality!The points made in this book seem obviously simple compared to science fiction yet is unheard of by the average person. This book fills this gap by offering a smooth read to the average reader. This work also provides a glimpse of the present, the potential for the future, and most importantly demonstrates the fine line between detecting/curing diseases and abuse of reading too much into the data of genomic sequencing. Are we ready for the social implications of doctor's interactions with electronic medical records with a bigdata driven genomic module?0 of 0 people found the following review helpful. Current and InsightfulBy BillThis was used for an in-house course at a genetics research Institute in town. The book is current with the technology, and insightful in the ethical and privacy issues raised by genetic information, as well as the challenges cancer presents.. Very personable and easy to understand.0 of 1 people found the following review helpful. Five StarsBy Sandy Mooregoiukj

Two leaders in the field of geneticsa bioethicist-health lawyer and an obstetrician-gynecologist geneticistsanswer the most pressing questions about the application of new genetics to our universal medicine and what personalized medicine means for individual healthcare.Breakthroughs in genetic research are changing modern medicine and pharmaceuticals. But what are these changes and how do they affect our individual care? Genomic Messages examines these groundbreaking changes and the questions they raise: What kind of specific medical innovation do we have to look forward to now and tomorrow? How will this flood of genetic messages change our lives, our interaction with our physicians and our healthcare system?Groundbreaking and provocative, Genomic Messages fuses the often conflicting worlds of medicine and law to provide information and insight that will impact the health choices of every one of us, from how medicine is practiced to concepts of privacy, confidentiality, and informed consent. Ultimately, it reveals how genetic information is changing how we think about ourselves, our health, and our future.

Beginning tomorrow, your health, privacy, and peace of mind could be imperiled if you fail to heed the compelling content and insightful advice of George Annas and Sherman Elias in Genomic Messages. (Jerome P. Kassirer, , M.D. Distinguished Professor, Tufts University School of Medicine Editor-in-Chief Emeritus, The New England Journal of Medicine)It is often said that the field of genetics is moving so fast that ethics and the law cannot keep up. This is not the case if you read this comprehensive, accessible, and engaging book (Arthur L. Caplan, Ph.D Head Division of Medical Ethics, New York University Langone Medical Center) As all of us face decisions as patients about whether to undergo genetic tests and as citizens about whether to ban genetic tampering, Genomic Messages provides direction as we unfold our genetic maps (Lori Andrews, Professor of Law, IIT Chicago-Kent College of Law) Annas and Elias propose ways we can control the use of genomics on ourselves and our families to gain its benefits, without falling prey to this unregulated technology, eroding our privacy, and becoming needlessly alarmed by unwanted genomic messages. (Sidney M. Wolfe, MD, Founder, Senior Advisor Public Citizen's Health Research Group and www.WorstPills.org)Through telling the stories of actual patients, Annas and Elias identify the key issues that need addressing as we advance toward a future where genomics will be commonplace in clinical care and precision medicine will be known as just medicine. (The Scientist)From the Back CoverMaking Sense of Genomics, Personalized Medicine, and the Future of Healthcare Two leaders in the field of geneticsa bioethicist-health lawyer and an obstetrician-gynecologist geneticistsanswer the most pressing questions about the application of new genetics to our universal medicine and what personalized medicine means for individual healthcare.Breakthroughs in genetic research are changing modern medicine and pharma-ceuticals. But what are these changes and how do they affect our individual care? Genomic Messages examines these groundbreaking changes and the questions they raise: What kind of specific medical innovation do we have to look forward to now and tomorrow? How will this flood of genetic messages change our lives, our interaction with our physicians, and our healthcare system?Groundbreaking and provocative, Genomic Messages fuses the often conflicting worlds of medicine and law to provide information and insight that will impact the health choices of every one of usfrom how medicine is practiced to concepts of privacy, confidentiality, and informed consent. Ultimately, it reveals how genetic information is changing how we think about ourselves, our health, and our future.About the AuthorGeorge Annas, J.D., M.P.H., is Warren Distinguished Professor at Boston University, chair of the Department of Health Law, Bioethics, and Human Rights at Boston University School of Public Health, and professor in the Boston University School of Medicine and School of Law. He is a member of the Institute of Medicine and a fellow of the American Association for the Advancement of Science. He is cofounder of Global Lawyers and Physicians, and his research has focused on the rights of patients and the regulation of research on human subjects.Sherman Elias, M.D., was professor emeritus of obstetrics and gynecol-ogy and clinical genetics, and the retired chair of Obstetrics and Gynecology at Northwestern University's Feinberg School of Medicine. Elias served as president of the Society of Gynecologic Investigation, director of the American Board of

Obstetrics and Gynecology, and vice president for clinical practice of the American College of Medical Genetics. He chaired both the ethics and genetics committees of the American College of Obstetricians and Gynecologists. His research focused on reproductive genetics, including prenatal diagnosis using fetal cells and nucleic acids from maternal blood.