GENETIC GENEALOGY RESOURCES

The Journey of Man: A Genetic Odyssey

Author: Spencer Wells

Around 60,000 years ago, a man—genetically identical to us—lived in Africa. Every person alive today is descended from him. How did this real-life Adam wind up as the father of us all? What happened to the descendants of other men who lived at the same time? And why, if modern humans share a single prehistoric ancestor, do we come in so many sizes, shapes, and races?

Examining the hidden secrets of human evolution in our genetic code, Spencer Wells reveals how developments in the revolutionary science of population genetics have made it possible to create a family tree for the whole of humanity. Replete with marvelous anecdotes and remarkable information, from the truth about the real Adam and Eve to the way differing racial types emerged, The Journey of Man is an enthralling, epic tour through the history and development of early humankind.

Trace Your Roots with DNA: Using Genetic Tests to Explore Your Family Tree

Author: Megan Smolenyak, Ann Turner

Written by two of the country's top genealogists, this authoritative book is the first to explain how new and groundbreaking genetic testing can help you research your ancestry — According to American Demographics, 113 million Americans have begun to trace their roots, making genealogy the second most popular hobby in the country (after gardening). Enthusiasts clamor for new information from dozens of subscription-based websites, email newsletters, and magazines devoted to the subject. For these eager roots-seekers looking to take their searches to the next level, DNA testing is the answer.

After a brief introduction to genealogy and genetics fundamentals, the authors explain the types of available testing, what kind of information the tests can provide, how to interpret the results, and how the tests work (it doesn't involve digging up your dead relatives). It's in expensive, easy to do, and the results are accurate: It's as simple as swabbing the inside of your cheek and popping a sample in the mail.

Family lore has it that a branch of our family emigrated to Argentina and now I've found some people there with our name. Can testing tell us whether we're from the same family? My mother was adopted and doesn't know her ethnicity. Are there any tests available to help her learn about her heritage? I just discovered someone else with my highly unusual surname. How can we find out if we have a common ancestor? These are just a few of the types of genealogical scenarios readers can pursue. The authors reveal exactly what is possible-and what is not possible-with genetic testing. They include case studies of both famous historical mysteries and examples of ordinary folks whose exploration of genetic genealogy has enabled them to trace their roots.

DNA and Family History: How Genetic Testing Can Advance Your Genealogical Research

Author: Chris Pomery

In the wake of highly-publicized scientific breakthroughs in using genetics to establish family connections, genealogists began to see potential for their own research. Now many are finding that organizing tests is a

relatively straightforward matter - and that comparing the DNA signatures of individuals can reveal startling information on families, surnames and origins.

The Seven Daughters of Eve: The Science That Reveals Our Genetic Ancestry

Author: Bryan Sykes

The national bestseller that reveals how we are descended from seven prehistoric women. One of the most dramatic stories of genetic discovery since James Watson's The Double Helix, The Seven Daughters of Eve reveals the remarkable story behind a groundbreaking scientific discovery. After being summoned in 1997 to an archaeological site to examine the remains of a five-thousand-year-old man, Bryan Sykes ultimately was able to prove not only that the man was a European but also that he has living relatives in England today. In this lucid, absorbing account, Sykes reveals how the identification of a particular strand of DNA that passes unbroken through the maternal line allows scientists to trace our genetic makeup all the way back to prehistoric times, to seven primeval women, the Seven Daughters of Eve.

Surnames, DNA and Family History

Author: George Redmonds, Turi King and David Hey

This book combines linguistic and historical approaches with the latest techniques of DNA analysis and show the insights these offer for every kind of genealogical research. It focuses on British names, tracing their origins to different parts of the British Isles and Europe and revealing how names often remain concentrated in the districts where they first became established centuries ago. In the process the book casts fresh light on the ancient peopling of the British Isles. The authors consider why some names die out, and how others have spread across the globe. They use recent advances in DNA testing to discover whether particular surnames have a single, dual or multiple origins and whether various forms of a name have a common origin. They show how information from DNA can be combined with historical evidence and techniques to distinguish between individuals with the same name and different names with similar spellings and to identify the name of the same individual or family spelt in various ways in different times and places. Clearly written and illustrated with hundreds of examples, this book will be welcomed by all those engaged in genealogical research, including everyone seeking to discover the histories of their names and families.

Genes, Peoples, and Languages

Author: Luigi Luca Cavalli-Sforza

Luigi Luca Cavalli-Sforza was among the first to ask whether the genes of modern populations contain a historical record of the human species. Cavalli-Sforza and others have answered this question-anticipated by Darwin-with a decisive yes. Genes, Peoples, and Languages comprises five lectures that serve as a summation of the author's work over several decades, the goal of which has been nothing less than tracking the past hundred thousand years of human evolution. Cavalli-Sforza raises questions that have serious political, social, and scientific import: When and where did we evolve? How have human societies spread across the continents? How have cultural innovations affected the growth and spread of populations? What is the connection between genes and languages? Always provocative and often astonishing, Cavalli-Sforza explains why there is no genetic basis for racial classification.

Author: Steve Olson

In a journey across four continents, acclaimed science writer Steve Olson traces the origins of modern humans and the migrations of our ancestors throughout the world over the past 150,000 years. Like Jared Diamond's Guns, Germs and Steel, Mapping Human History is a groundbreaking synthesis of science and history. Drawing on a wide range of sources, including the latest genetic research, linguistic evidence, and archaeological findings, Olson reveals the surprising unity among modern humans and "demonstrates just how naive some of our ideas about our human ancestry have been" (Discover). Olson offers a genealogy of all humanity, explaining, for instance, why everyone can claim Julius Caesar and Confucius as forebears. Olson also provides startling new perspectives on the invention of agriculture, the peopling of the Americas, the origins of language, the history of the Jews, and more. An engaging and lucid account, Mapping Human History will forever change how we think about ourselves and our relations with others.

DNA and Social Networking: A Guide to Genealogy in the Twenty-First Century

Author: Debbie Kennett

An easy-to-use guide to finding one's ancestors with the latest in new technology and scientific techniques—including blogs, web auctions, wikis, and YouTube. Presenting the future of family history, this up-to-date book offers a guide to using social networking, such as Facebook and Twitter, as a research tool and explains the facts and potential of DNA testing for the genealogist. Family history research has come a long way from the local record office—now 21st-century scientific and technological developments have changed the way people look into their family pasts, allowing them to delve further back. Many tools which were not conceived with the genealogist in mind are increasingly being exploited by family historians, either to advance their research or to network with other genealogists. Many family historians struggle to cope with these new technologies and this book explains how to use these new tools effectively.

Family History in the Genes: Trace your DNA and grow your family tree

Author: Chris Pomery

Thousands of family historians around the world have used DNA testing to extend their family tree and the scope of their research. This clear, concise and up-to-the-minute guide shows what genetics can do for anyone in search of their ancestors, including linking people with the same surname, unraveling clan relationships and exploring the genetic profile of individuals, locations and regions. It offers practical advice on the DNA tests available including the y-chromosome, mitochondrial and ancestry tests, helping you to choose the right test and use the results effectively. From the latest discoveries in the big surname studies to advice on starting your own DNA project, this is a fascinating introduction that will dominate future family history research.

DNA & Genealogy

Author: Colleen Fitzpatrick, Andrew Yeiser

DNA & Genealogy is more than a textbook on DNA analysis for genealogy. Beginner, intermediate, and advanced readers will all find this book fascinating. In addition to tutorials on the use of DNA for genealogy, DNA & Genealogy contains many unusual sidelights on "DNA in the News" and "Weird DNA". Do you know that there are people who have more than one DNA profile? Would you like to know about the DNA analysis of the Tyrolean Iceman? What about DNA and Exo-biology? DNA & Genealogy has all of this and much, much more.

Deep Ancestry: Inside the Genographic Project

Author: Spencer Wells

Science tells us we're all related—one vast family sharing a common ancestor who lived in Africa 60,000 years ago. But countless questions remain about our great journey from the birthplace of Homo sapiens to the ends of the Earth. How did we end up where we are? When did we get there? Why do we display such a wide range of colors and features? The fossil record offers some answers, but exciting new genetic research reveals many more, since our DNA carries a complete chronicle of our species and its migrations.

In Deep Ancestry, scientist and explorer Spencer Wells shows how tiny genetic changes add up over time into a fascinating story. Using scores of real-life examples, helpful analogies, and detailed diagrams and illustrations, he translates complicated concepts into accessible language and explains exactly how each and every individual's DNA contributes another piece to the jigsaw puzzle of human history. The book takes readers inside the Genographic Project, the landmark study now assembling the world's largest collection of population genetic DNA samples and employing the latest in testing technology and computer analysis to examine hundreds of thousands of genetic profiles from all over the globe.

Traveling backward through time from today's scattered billions to the handful of early humans who are ancestors to us all, Deep Ancestry shows how universal our human heritage really is. It combines sophisticated science with our compelling interest in family history and ethnic identity—and transcends humankind's shallow distinctions and superficial differences to touch the depths of our common origins.

Deep Ancestry, 2nd Edition: How DNA Reveals the Roots of Your Family Tree

Author: Spencer Wells

The fossil record locates human origins in Africa, but little is known about the great journey that took Homo sapiens to the far reaches of the Earth. How did we, each of us, end up where we are? Why do we appear in such a wide array of different colors and features? Such questions are even more amazing in light of genetic evidence that we are all related--descended from a common African ancestor who lived only 60,000 years ago. Thanks to new genetic testing methods, we now know that the greatest history book ever written is the one hidden in our DNA.

In Deep Ancestry, geneticist and explorer Spencer Wells unravels the slight changes in our DNA over time to tell the ancient story of our shared human journey. He also details the current work of Genographic Project-the landmark study that will assemble the world's largest collection of DNA samples to map how humankind populated the planet. He describes how the Project uses sophisticated computer analysis of DNA contributed by hundreds of thousands of people--including indigenous populations and the general public--to reveal man's migratory history and to better understand the connections and differences that make up the human race.

The narrative works backward, starting from today and gradually working its way to humankind's common ancestors. From the beginning, the book taps into a reader's interest in genealogy, family history, and ethnic identity. Most of us have a decent sense of our family history, but eventually we all hit a brick wall. DNA takes us beyond it, and this is the unifying theme that will lead us from the stories of the present into the realm of deep ancestry.

Now in a thoroughly revised second edition, Deep Ancestry represents the very latest research on where we came from and relates it to our own personal quest to discover the deep ancestry behind our family genealogies and touch the depths of our common origins.

For more information about the Genographic Project itself, visit www.nationalgeographic/genographic.

Forensic Genealogy

Author: Colleen Fitzpatrick

Forensic scientists and genealogists share the same goal - to find out who was who, and who did what and when. Forensic Genealogy applies forensic science techniques to solving genealogical mysteries through photo-detective work, database mining, and DNA analysis. Forensic Genealogy offers tips in each of these areas using unconventional reference materials to obtain intriguing family insights. Book comes with Forensic Genealogy CD ROM and a mail-in coupon from Family Tree DNA for a 10% discount on any testing service. Forensic Genealogy was published in March 2005. The book offered here is brand new, approximately 8" x 9", weighes about 1.5 lbs. Autographed upon request. ***

- Now I have had a chance to read through this book. I only wish that I had done so earlier.....All in all, "Forensic Genealogy" provides a fresh view of the many methods and objects that genealogists have used for decades. This one is a "keeper." I enjoyed reading "Forensic Genealogy" and suspect that you will also. You can learn more about this book and some of the techniques discussed at http://www.forensicgenealogy.info.

**** Dick Eastman, Eastman's Online Genealogy Newsletter, June 17, 2005 http://eogn.typepad.com/eastmans_online_genealogy/2005/06/forensic_geneal.html

How to Find Your Ancestors Through DNA: Using Tools of Science to Trace Family History

Author: Darvin L Martin

In Finding Your Ancestors Through DNA, author Darvin Martin shows that DNA testing is a reliable way to gather information about one's forebears. In understandable language, Martin shows how DNA testing works, and how it can lead into one's deep ancestry. "In other words, we can now go far beyond where the paper trail ends to discover our own family histories," says Martin, a scientist who has tested nearly 300 individuals in a DNA pilot project.

Are you curious about your ancestors? Do you wonder who preceded your grandparents, and where they lived? Do you ever think about what migrations your forebears might have joined? Have you thought about what genealogical streams fed into your own?

Because of DNA, it is now possible for each of us to discover the answers to these questions for ourselves.

Many Americans do not live in the communities where their parents and grandparents did. Many do not know their family tree beyond their grandparents, or even their parents. And yet many (87%, according to recent surveys) have a relentless urge to discover their own family history and, through that, a sense of belonging.

Martin, with a long interest in family history, conducts DNA testing for "OneDNATree," a DNA pilot project that constructs family lineages from before the time of surnames. "It is now possible to extend whatever small

bits of genealogy and family history any one of us knows to a whole new level, that of one's 'deep ancestry.' In other words, we can now go far beyond where the paper trail ends," he says.

DNA results can appear confusing and inconsequential without the means to interpret them. This guide seeks to answer the essential questions asked by everyone seeking DNA to discover their ancestors.

Finding Your Ancestors Through DNA includes these chapters:

Chapter 1: DNA Changes Everything (an introduction to the subject)

Chapter 2: Which Test Is Best for Me? (a description of the three types of DNA tests)

Chapter 3: Building on Two Centuries of Research (a brief history of DNA testing; examples of how DNA testing works)

Chapter 4: Connecting to the World Family Tree (how DNA testing reveals human migratory history, combining test results with social and political history around the world)

Chapter 5: We Are All African (what DNA says about human origins; what about the Neandertal?)

Chapter 6: What's Next? (the future of DNA testing)

DNA results can appear confusing and inconsequential without the means to interpret them. Finding Your Ancestors Through DNA is a highly readable guide, based on Martin's experience, which seeks to answer the essential questions asked by everyone who looks to DNA to discover their ancestors.

Meeting the Family One Man's Journey Through His Human Ancestry

Author: Donovan Webster

Donovan Webster brings his vivid journalistic gifts to a new subject, tracing our deep genealogy using cuttingedge DNA research to map our eons-old journey from prehistoric Africa into the modern world. With the same genetic haplotype as many white American males, Webster makes an ideal subject—he is a genuine Everyman. While his voice and spirit are unique to him, in exploring his own ancestry, he shows us our own.

Drawing on National Geographic's Human Genographic Project, the largest anthropologic DNA study of its kind, Webster traces centuries of migrations, everywhere finding members of his now far-flung genetic family. In Tanzania's Rift Valley, he hunts with Julius, whose tribe speaks a click language, and wanders the ruins of ancient Mesopotamia with Mohamed and Khalid, now Jordanian citizens. In Samarkand, Uzbekistan, eastern frontier of his ancestral roaming, a circus ringmaster becomes both friend and link to his primal bloodline.

Webster's genographic quest leads him to contemplate what traits he shares with those he meets, and considers what they and their ways of life reveal about the deep history of our species. A lifetime of journalistic travels among a wide range of cultures furnish Webster with a wealth of colorful threads to weave into a story as particularly personal as it is universally human.