

ROBERT WINSTON

THE STORY OF GOD

A PERSONAL JOURNEY INTO THE
WORLD OF SCIENCE AND RELIGION

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Robert Winston: The Story of Science Robert Winston, 2023-12-12 Delve into the stories of history's most influential scientific experiments, inventions and life-changing discoveries that have impacted our understanding and changed the world. Let Professor Robert Winston take you on a scientific journey through human history as you learn the stories behind humanity's great inventions and discover everything that science has given us. Robert Winston's *Science That Changed the World* features fascinating facts, innovative inventions and daring discoveries. Learn how random accidents have led to some of the greatest findings our world has ever seen and how anybody who dares to dream can be successful. From the creation of dynamite and the world's first printer to magical medicine and the discovery of soap, science really is the pioneering study that has the power to change everything.

Human Instinct Lord Robert Winston, 2011-05-31 From caveman to modern man. Few people doubt that humans are descended from the apes; fewer still consider, let alone accept, the psychological implications. But in truth, man not only looks, moves and breathes like an ape, he also thinks like one. Sexual drive, survival, competition, aggression: all of our impulses are driven by our human instincts. They explain why a happily married man will fantasize about the pretty, slim young woman sitting across from him in the tube, and why thousands of people spend their week entirely focused on whether their team will win their next crucial match. But how well do our instincts equip us for the twenty-first century? Do they help or hinder us as we deal with large, anonymous cities, stressful careers, relationships and the battle of the sexes? In this fascinating book, Robert Winston takes us on a journey deep into the human mind. Along the way, he takes a very personal look at the relationship between science and religion and explores those very instincts that make us human.

What Goes On in My Head? Robert Winston, 2010-09-20 What Goes On In My Head will introduce readers to the most powerful and complicated computer network they will ever encounter: their own brain. It explains what the different parts of the brain do, how they work together and how scientists look at the brain. What Goes On In My Head also explains how the brain changes at different stages in a person's life, how you learn to do things, what gives us our individual personalities, what memory is and how illness affects the brain. Learn about why we have moods and emotions, why sleep is important and much, much more. What Goes On In My Head is packed with tips and brain teasers that will test memory, perception, reasoning and reactions. Find out what really does go on in your brain.

What Makes Me Me? Robert M. L. Winston, 2015 Why do you have brown eyes, hairy fingers, dangly earlobes or knuckles that crack? Are you a thrill-seeker, a people person, a computer whizz or a social wallflower with a morbid fear of spiders? And if so, who's to blame: your parents or your genes? This book provides an age-appropriate tour of the tricky subject of biology and how genetics make up and experience makes everyone unique. Find out what genes and chromosomes are for, why some people are left-footed but right-eyed and what it takes to become an Olympic athlete or a chess grand master.

Life Is Amazing Robert Winston, 2012-11-01

Superhuman Lori Oliwenstein, Robert Winston, 2013-05-31 Accompanying the major new BBC documentary series

Superhuman explores the human body's astonishing ability to heal, renew and regenerate itself. In recording the before, during and after of radical operations on real people, it introduces us to the pioneering efforts of medical teams and alerts us to the ethical issues that new medical advances raise. Over six chapters, Superhuman addresses significant developments within six key medical areas: cancer, infection, transplantation, trauma, repair and reproduction. Acknowledging the debt modern physicians owe to yesterday, Superhuman begins by investigating the human body's innate abilities to heal itself. And as we gladly launch ourselves into an age of biotechnology, it questions whether we might now use all the information available to us to comprehend finally how our bodies work. If we can achieve that, perhaps becoming superhuman is truly within our reach.

Chapter one introduces us to the trauma surgeons who have discovered that the shock that follows trauma can prove beneficial in saving the body and the brain. Chapter two chronicles the astonishing technology now being used in medical transplants and the contentious issues these processes excite. Should technology continue to develop apace, how are doctors and patients to choose between using an artificial limb created specifically for a patient, a human limb grown from the patient's own genetic information or the alternative solutions offered by the animal kingdom? And is intervention of true benefit to the patient if it requires a lifetime of immuno-suppressing drugs? The recent successes of the Human Genome Project have dissolved the boundaries of regeneration, with made-to-order organs no longer beyond our limits. Chapter three presents the scientists responsible for engineering human tissue from materials found in the body and outlines how they might help us claim our lost powers of regeneration. Chapter four relates how we are faring in the battle against the old enemy, cancer, and tells how experts in this field are trying to regain control of the cancer cells that turn against us. Chapter five explains how we strive to combat the threats we all face living in a modern world teeming with globetrotters who share one feature: we're all potential contagion carriers. Superhuman goes on to inform of the dangers of pushing too far to eradicate infectious disease from our lives completely. Chapter six spotlights an area of considerable debate that will possibly alter the course of human evolution: fertility and genetic manipulation. Superhuman discusses both the advantages and the dangers of new technologies in this area, arguing that they have many positive applications and that often the hazards are overstated solely through fear. In an attempt never to lose sight of our humanity while inviting the superhuman in us all to work, Superhuman encourages a holistic approach to medicine and an open forum for the discussion of the future of medical science.

[Ask A Scientist \(New Edition\)](#) Robert Winston, 2023-04-06

In this unique science book, Professor Robert Winston answers more than 100 real-life questions from children all around the world. Questions cover all the popular science topics including the biology: Why do freckles come in dots on your face? physics: Could you jump off the world, Earth? Why is the sky blue? chemistry: Why are there bubbles in boiling water? natural science: Do dogs cry and space? Why will the Sun explode and make us extinct? This new edition includes eight pages of additional questions relating to the recent hot topics in science, including the COVID-19 pandemic. Robert Winston was inspired to write this book by the many questions posed by his

grandchildren and by children from the schools he has visited over the years The book includes some of these questions plus many more gathered from countries all over the world including the UK Ireland and mainland Europe Canada the USA India China and Japan The questions cover the main science topics chemistry physics biology Earth space and natural science Packed with weird and wacky questions and clear and lively answers Ask a Scientist puts the fun back into science And who could be a better scientist to ask questions to than Professor Robert Winston *That's Life* Robert Winston,2012 Put the buzz back into biology with Professor Robert Winston What makes Earth an ideal place for life to survive Robert Winston will take kids back to Earth s beginnings showing how organisms live and survive in That s Life From the very big to the microscopic meet the animals plants fungi and bacteria that play an important role in sustaining life on Earth Packed with colourful images facts and stats That s Life introduces the features and characteristics of the six main kingdoms of life Let your child discover how life began and just what it means to be alive today **Bad Ideas?** Robert Winston,2010 We are born with the instinct to create and invent Indeed our ability to do so is what separates we humans from the rest of the animal world The moment man first converted a stone to a useful tool set him on a relentless path toward greater control and power over his environment But have our creative ideas always produced desirable results in line with their original good intention How many ill effects and dangers have they brought about along the way And have they really served us well Bad Ideas traces the fascinating history of our attempts at self improvement but also questions their value The dubious consequences of the development of weaponry for example is self evident from the primitive but lethal sling to the devastating nuclear bomb But what of apparently more innocuous inventions such as farming writing or medicine All were initiated for the greater good but have nonetheless produced unforeseen fallout that continues to this day What are their undesirable side effects how did they emerge over the years and where will they take us in the future Written against a huge historical canvas we join Robert Winston on a thrilling and inspiring journey from our earliest days to the present We learn about the history of modern science engineering IT and much more following the unexpected twists and turns of their progress We meet the individuals who played a key role in their development and share quirky anecdotes about their lives and brainwaves Inspiring unusual and at times controversial Bad Ideas enables us by appreciating the past to look forward to the technological opportunities and ethical challenges of the future In so doing it celebrates man s extraordinary capacity for achievement whilst warning us that his good intentions can sometimes end up as thoroughly bad ideas It's Elementary! Robert M. L. Winston,2007 Examines the chemical elements how they were discovered and their uses **Bodies in Glass** Deborah Lynn Steinberg,1997 An imaginative and original reappraisal of reproductive science Bodies in glass explores the complex cultural landscape and emergent iconographic bodies of in vitro fertilisation IVF and medical genetic discourse Through a compelling deconstruction of medical and legal languages texts and institutional practices Deborah Lynn Steinberg traces the convergence of four key logics authorial recombinant embryo protectionist and eugenic which she

argues are embedded in the field of IVF the textual material processes of erasure and recombination of women's bodies and reproductive fitness

The Steam Team Explains Robert Winston, 2020-09-15 Have you ever wondered what makes electricity Or what's inside an atom Or how high the Moon really is Or what light is made of and why you need it The STEAM team provides all the answers in this colorful fact packed and informative ebook explaining more than 100 key STEAM concepts in a clear way that will appeal to children aged five and above This is the perfect visual introduction to the key concepts children need to know about all things STEAM Each topic is explained using illustrated characters that represent science technology engineering art and maths The second ebook in The STEAM Team series The STEAM Team Explains is an essential read for young STEAM fans

Human Robert M. L. Winston, Don E. Wilson, Smithsonian Institution, 2004 This definitive visual guide takes a unique look at what it means to be a human being From evolution and biology to society culture and the future aspects of human life this book examines the qualities that all humans share and profiles more than 250 peoples who inhabit the world

Ask a Scientist Robert M. L. Winston, 2019-06-04 This fun and friendly science book for kids poses 100 real life questions from kids to Robert Winston on every aspect of science Questions cover all the popular science topics including human body Why do freckles come in dots on your face physics Could you jump off the world Earth Why is the sky blue chemistry Why are there bubbles in boiling water natural science Do dogs cry and space Why will the Sun explode These are real questions from children from around the world and their questions are their very own Robert Winston was inspired to write this book by the many questions posed by his grandchildren and by children from the schools he has visited over the years The book includes some of these questions plus many more gathered from countries all over the world including the UK Ireland and mainland Europe Canada the USA India China and Japan The response to the survey that DK sent out was fantastic there were so many great questions to choose from The questions were carefully selected to cover the main science topics chemistry physics human body Earth space and natural science They are fun engaging and include some that most adults wouldn't dare ask Packed with weird and wacky questions and clear and lively answers Ask a Scientist puts the fun back into science

A Child Against All Odds Robert Winston, 2006 One of Britain's leading fertility specialists provides the definitive account of modern reproductive technology in this hard hitting sometimes humorous look at the scientific social and ethical background of the struggle to discover and control the secrets of reproduction

A Glass Darkly David Gareth Jones, R. John Elford, 2010 This book is a sequel to the first volume of New International Studies in Applied Ethics and includes essays from some of the same contributors Like the previous volume the book explores the interface between medicine and theology The essays demonstrate the complementarity evident between the two and examine how those coming from different theological traditions are able to provide helpful insights Points of disagreement and their crucial role in contributing to an understanding of the complexities of the debate are acknowledged Much of the discussion focuses on use of the Bible The contributors show an awareness of the pastoral necessity of providing access to new medical

technologies for those in need Out of this emerges a positive view of some of the human benefits of modern medicine and the ways in which Christian theology can engage with it constructively The discussion throughout is related to the wider literature in the field *The Sex Imperative* Kenneth E. Maxwell,2013-11-11 The sex imperative the irresistible impulse to engage in sexual relations has enabled animals to share their genes and evolve Maxwell traces the progress of sex from the simple sharing of genes between cells to the elaborate courtship rituals that developed so sperm could merge with egg In the effort to join sperm and egg species have developed some astounding and unusual sexual adaptations As Maxwell vividly describes the sex lives of various creatures he attests to the resiliency and amazing adaptability of life to its everchanging environment By focusing on the diversity of animal sexual relationships Maxwell enables us to question the very basis of sexuality What is sex Why did it evolve How does sexuality and survival shape the social behavior of animals and humans The sex imperative is indeed the driving force behind Darwin s theory of random variation and natural selection better known as survival of the fittest Maxwell goes so far as to investigate our latest accomplishment in the science of begetting offspring genetic engineering This awe inspiring and unique work celebrates the power and wonder of life and sexuality of all creatures including humans After reading this engrossing and illuminating work no one will ever think of evolution in the same way Jacket

Principles of Gynaecological Surgery Stuart L. Stanton,2012-12-06 For a long time I have felt that the present gynaecological training for registrars lacked familiarisation and understanding of the basic principles of surgery This is due to several factors Firstly the historical separation of gynaecology from general surgery which led to our development as an independent speciality and which Victor Bonney foretold to our detriment when he opposed the formation of the College of Obstetricians and Gynaecologists as a separate body from the College of Surgeons Secondly a vast improvement in medical management of many gynaecological conditions has made surgical practice dull and an unquestioning daily routine with little or no surgical instruction for many junior staff Thirdly the arrival of subspecialisation has exacerbated this as complicated surgery may be referred out by the general gynaecologist Finally the trend in further education towards writing an MD rather than taking an FRCS degree The arguments for and against were set out in an editorial in the British Journal of Obstetrics and Gynaecology 1983 later taken to task in the ensuing correspondence That editorial together with the difficulty in finding up to date articles on surgical principles in one volume were the catalysts for this book With the help of colleagues from other disciplines I have attempted to present recent advances side by side with modern day gynaecological practice

Biophysical Methods for Diagnosing Human Tissue Anomalies Nathan Blaunstein,Ben-Zion Dekel,2024-02-27 Medical diagnosis of tissue anomalies particularly cancer is often limited by the constraints of current imaging technologies This book introduces two approaches to address this issue the imaging and the non imaging methods In the imaging category the book unveils a pioneering technique based on radio tomosynthesis Initially proven effective in detecting breast anomalies this imaging method is now under evaluation for its potential in identifying

brain anomalies For non imaging diagnostics it delves into Fourier transform infrared spectroscopy FTIR a technique known for its speed and reliability The book demonstrates its successful application in diagnosing a range of cancers including oral uterine ovarian gastrointestinal colorectal and skin cancers Furthermore it explores its utility in predicting embryo quality and assessing pressure injuries To augment these methods the book employs machine learning algorithms evaluating their efficacy in creating discriminative models for tissue anomalies [Science Lab](#) Robert Winston,2019-02-07 From building a bridge and crafting a catapult to making a marble run and creating a crane Science Lab includes activities that young readers can do at home to explore discover and understand the way the world works How are rockets fired into space How is energy harnessed How do buildings survive earthquakes With fun hands on projects and experiments this book reveals how science technology engineering and maths are woven through the world around us Simple steps guide readers through the stages of each project with spotlights on the key science technology engineering and maths learning involved in each project along the way Take it further panels encourage young readers to experiment and take their projects to the next level developing their independence initiative and creative thinking skills With a focus on STEM subjects science technology engineering and maths across school curricula to prepare children for the modern world Science Lab will inspire and engage inquisitive young readers It s perfect for school projects homework help and firing up imaginations

Robert M L Winston Book Review: Unveiling the Power of Words

In a global driven by information and connectivity, the energy of words has be more evident than ever. They have the ability to inspire, provoke, and ignite change. Such could be the essence of the book **Robert M L Winston** , a literary masterpiece that delves deep to the significance of words and their affect our lives. Written by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall effect on readers.

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Robert M L Winston Introduction

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