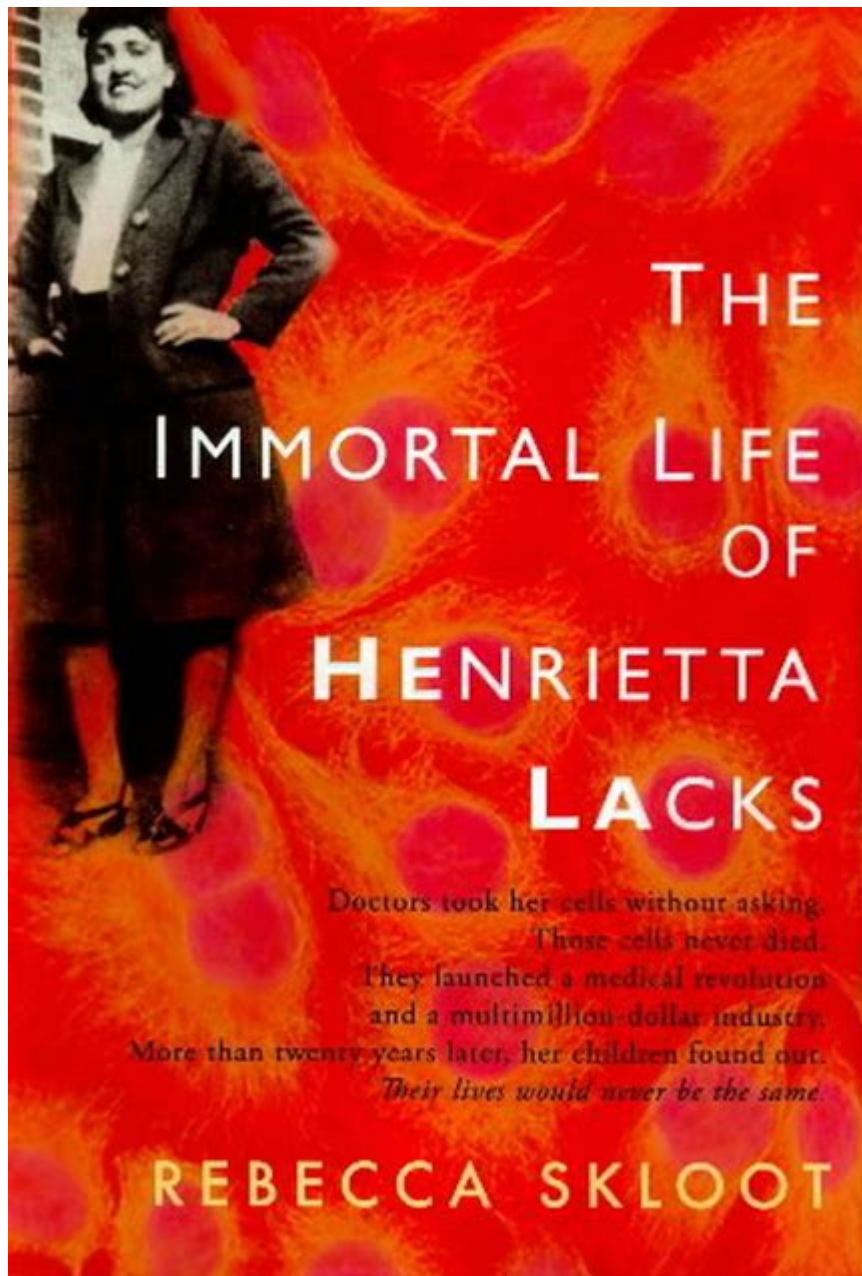


The Immortal Life Of Henrietta Lacks



The Immortal Life of Henrietta Lacks: A Legacy of Science and Injustice

The story of Henrietta Lacks is one that resonates far beyond the scientific community. It's a tale of groundbreaking medical advancements intertwined with profound ethical dilemmas and a stark exploration of racial injustice. This blog post delves into the life and legacy of Henrietta Lacks, exploring the science behind her "immortal" cells, the ethical controversies surrounding their use, and the lasting impact her story has on bioethics and the fight for equitable healthcare. We'll examine the book, the film adaptation, and the ongoing discussions her case continues to ignite.

Henrietta Lacks: A Life Cut Short, a Legacy Unfolding

Henrietta Lacks, a vibrant African-American woman, was diagnosed with cervical cancer in 1951 at the age of 31. Sadly, she died just months later. What makes her story extraordinary, however, is not her untimely demise but what happened after. During her treatment at Johns Hopkins Hospital, cells were unknowingly taken from her tumor. These cells, unlike any others ever encountered, proved to be remarkably resilient and capable of continuous replication – they were "immortal." These HeLa cells, named after her, became instrumental in countless medical breakthroughs.

The HeLa Cell Revolution: Medical Advancements Fueled by Henrietta's Legacy

HeLa cells have been instrumental in groundbreaking scientific achievements. Their contribution is immeasurable. They have been crucial in the development of the polio vaccine, the understanding and treatment of cancer, HIV/AIDS research, in vitro fertilization, gene mapping, and countless other medical advancements. The sheer scale of their impact on modern medicine is staggering and continues to grow.

The Polio Vaccine: A Triumph Built on HeLa Cells

The development of the polio vaccine, a triumph of 20th-century medicine, relied heavily on HeLa cells. These cells provided a reliable and easily replicable platform for testing the vaccine's efficacy and safety, paving the way for its widespread use and the eradication of polio in many parts of the world.

Cancer Research and Beyond: HeLa's Enduring Contribution

HeLa cells have been essential in cancer research, allowing scientists to study the growth and behavior of cancer cells in a controlled environment. Their use has significantly advanced our understanding of cancer biology, leading to improved diagnostic tools and treatments. Beyond cancer, HeLa's contributions extend to fields like genetic research, virology, and drug development.

The Ethical Quandaries: Consent, Exploitation, and Racial Disparities

The story of HeLa cells is not without its ethical complexities. Henrietta Lacks' cells were taken without her knowledge or consent, highlighting the significant ethical challenges surrounding informed consent in medical research, particularly concerning marginalized communities. This lack of consent raises crucial questions about the ownership of biological material and the equitable distribution of benefits derived from medical research.

The Lack of Consent: A Critical Ethical Flaw

The lack of informed consent in Henrietta's case was a major ethical lapse. The practices of the time did not prioritize informed consent for Black patients in the same way as they did for white patients, exposing the deep-seated racial inequalities within the healthcare system. Her story served as a stark reminder of the need for ethical guidelines and regulations in medical research.

Exploitation and the Fight for Equitable Healthcare

Henrietta's case highlights the systemic exploitation of marginalized communities in medical research. Her contribution to medical science was immense, yet her family benefited little, highlighting the disparities in access to healthcare and the uneven distribution of the fruits of medical research. This continues to fuel calls for greater equity and justice in scientific research and healthcare provision.

The Immortal Life of Henrietta Lacks: The Book and the Film

Rebecca Skloot's book, "The Immortal Life of Henrietta Lacks," brought Henrietta's story to a wider audience, sparking a global conversation about bioethics, racial inequality, and the importance of informed consent. The book's subsequent adaptation into a film further amplified the story's reach, ensuring that Henrietta's legacy remained relevant and continued to inspire discussions about ethical medical practices.

A Lasting Legacy: Inspiring Change and Promoting Ethical Research

Henrietta Lacks' story serves as a poignant reminder of the complexities of scientific progress and the importance of ethical considerations. Her legacy continues to inspire efforts to ensure equitable access to healthcare and to promote responsible and ethical conduct in medical research. Her immortal cells continue to contribute to scientific advancements, but her story serves as a cautionary tale about the potential for exploitation and the vital need for informed consent and ethical treatment of all individuals.

Conclusion:

The story of Henrietta Lacks is a powerful testament to both the incredible potential of scientific advancement and the imperative for ethical considerations in medical research. While HeLa cells have revolutionized medicine, the circumstances surrounding their acquisition underscore the critical need for justice, equitable access to healthcare, and informed consent. Henrietta Lacks' legacy continues to shape conversations surrounding bioethics and inspire a more equitable and just approach to scientific progress.

FAQs:

1. Where can I learn more about Henrietta Lacks' life and legacy? Rebecca Skloot's book, "The Immortal Life of Henrietta Lacks," is an excellent starting point. The HBO film adaptation is also highly recommended. Numerous documentaries and articles further explore her story.
2. What are the current ethical guidelines surrounding the use of human cells in research? Stricter guidelines now emphasize informed consent, data privacy, and the equitable distribution of benefits derived from medical research. Institutional review boards (IRBs) oversee research protocols to ensure ethical compliance.
3. Are HeLa cells still used in research today? Yes, HeLa cells remain widely used in research laboratories around the world due to their unique properties and adaptability.
4. How did Henrietta Lacks' family benefit from the use of her cells? Initially, her family received little or no benefit. However, in recent years, efforts have been made to address this injustice, including the establishment of a Henrietta Lacks Foundation to support her descendants.
5. What is the significance of Henrietta Lacks' story in the context of racial injustice? Her story powerfully illustrates the historical and ongoing disparities in healthcare access and treatment experienced by African Americans and other marginalized communities. It highlights the systemic issues that led to the exploitation of her cells without her consent.

the immortal life of henrietta lacks: *The Immortal Life of Henrietta Lacks* Rebecca Skloot, 2010-02-02 #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.

the immortal life of henrietta lacks: The Skeleton Cupboard: The Making of a Clinical Psychologist Tanya Byron, 2015-04-07 Recounts the patient stories that most influenced Professor Tanya Byron, covering years of training that forced her to confront the harsh realities of the lives of her patients and the demons of her own family's history. Among others, we meet Ray, a violent sociopath desperate to be treated with tenderness and compassion; Mollie, a talented teenager intent on starving herself; and Imogen, a twelve-year-old so haunted by a secret that she's intent on killing herself. Byron brings the reader along as she uncovers the reasons each of these individuals behave the way they do, resulting in a ... psychological mystery that sheds light on mental illness and what its treatment tells us about ourselves--

the immortal life of henrietta lacks: Summary and Analysis of The Immortal Life of Henrietta Lacks Worth Books, 2017-01-10 So much to read, so little time? Get an in-depth summary of *The Immortal Life of Henrietta Lacks*, the #1 bestseller about science, race, and medical ethics. For decades, scientists have been using "HeLa" cells in biological research, from developing the polio vaccine and studying the nature of cancer to observing how human biology behaves in outer space. This famous cell line began as a sample taken from a poor African American mother of five named Henrietta Lacks. A cancer patient, Henrietta Lacks went through medical testing but never gave consent for the use of her cells. She died of cervical cancer in 1951, without ever knowing that the samples were intended for extensive medical research. This summary of the #1 New York Times bestseller by Rebecca Skloot tells Henrietta's story and reveals what happened when her family found out that her cells were being bought and sold in labs around the world. With historical context, character profiles, a timeline of key events, and other features, this summary and analysis of *The Immortal Life of Henrietta Lacks* is intended to complement your reading experience and bring you closer to a great work of nonfiction.

the immortal life of henrietta lacks: The Immortal Life of Henrietta Lacks Pembroke Notes, 2013-12 How to Use This Book This book is to be used alongside the bestselling book, *The Immortal Life of Henrietta Lacks* by Rebecca Skloot for anyone interested in learning about one of the most important tools in medicine, vital for developing the polio vaccine, cloning, gene mapping, and more, the HeLa cells. This is also the story of the collision between ethics, race, and medicine; of scientific discovery and faith healing; and a daughter consumed with questions about the mother she never knew. For students: The study questions are in order and follow Rebecca Skloot's narrative. Answer questions as you read the book. Answers follow each question. For teachers: This is an easy and interesting resource to help your students learn about a specific tool used in medicine, the HeLa cell and how it originated and the impact its discovery had on medicine and the population. Use your own unique teaching style to supplement the Pembroke Notes with engaging activities and links for further investigating. With the new Common Core standards and a push to increased rigor, I have added a Writing Workshop section at the end of my book to help you with writing assignments. For homeschools: Your high school student will love the easy guide to help him/her in her reading *The Immortal Life of Henrietta Lacks*. Parents, be prepared for active discussions with your teenager while you read along. A Writing Workshop is supplied at the end of the book as a guide.

the immortal life of henrietta lacks: *The Best American Science Writing 2011* Rebecca Skloot, Floyd Skloot, Jesse Cohen, 2011-09-27 Edited by Rebecca Skloot, award-winning science writer and New York Times bestselling author of *The Immortal Life of Henrietta Lacks*, and her father, Floyd Skloot, an award-winning poet and writer, and past contributor to the series, *The Best American Science Writing 2011* collects into one volume the most crucial, thought-provoking, and engaging science writing of the year. Culled from a wide variety of publications, these selections of outstanding journalism cover the full spectrum of scientific inquiry, providing a comprehensive overview of the most compelling, relevant, and exciting developments in the world of science. Provocative and engaging, *The Best American Science Writing 2011* reveals just how far science has brought us—and where it is headed next.

the immortal life of henrietta lacks: Study Guide: the Immortal Life of Henrietta Lacks by Rebecca Skloot (SuperSummary) SuperSummary, 2019-02-16 SuperSummary, a modern alternative to SparkNotes and CliffsNotes, offers high-quality study guides for challenging works of literature. This 38-page guide for *The Immortal Life of Henrietta Lacks* by Rebecca Skloot includes detailed chapter summaries and analysis covering 38 chapters, as well as several more in-depth sections of expert-written literary analysis. Featured content includes commentary on major characters, 10 important quotes, discussion topics, and key themes like Scientific Ethics and Informed Consent.

the immortal life of henrietta lacks: *Henrietta Lacks the Untold Story* Ron Lacks, 2020-09 New Author Ron Lacks, tells a behind the scenes story of what happened in the past 9 years to his family in his new book *Henrietta Lacks The Untold Story* Ron Lacks is the oldest grandson of Henrietta Lacks. He takes you on the inside of a story that has haunted him for the past 9 years! This book will definitely answer your questions as to how the family is really doing now. From Clover to Baltimore... giving you an inside look at what happen behind closed doors, that ultimately divided a once strong family.

the immortal life of henrietta lacks: *The Strange Order of Things* Antonio Damasio, 2018-02-06 From one of our preeminent neuroscientists: a landmark reflection that spans the biological and social sciences, offering a new way of understanding the origins of life, feeling, and culture. *The Strange Order of Things* is a pathbreaking investigation into homeostasis, the condition of that regulates human physiology within the range that makes possible not only the survival but also the flourishing of life. Antonio Damasio makes clear that we descend biologically, psychologically, and even socially from a long lineage that begins with single living cells; that our minds and cultures are linked by an invisible thread to the ways and means of ancient unicellular life and other primitive life-forms; and that inherent in our very chemistry is a powerful force, a striving toward life maintenance that governs life in all its guises, including the development of genes that help regulate and transmit life. In *The Strange Order of Things*, Damasio gives us a new way of comprehending the world and our place in it.

the immortal life of henrietta lacks: *Life, Death, and Immortality* Terrill G. Hayes, Betty Fisher, 2006 The Journey of the Soul begins and ends by answering the weightiest questions we can pose about our reality as human beings: What is the purpose of life? What is death? How do we attain true happiness? What is the soul and how does it develop? What is the nature of the afterlife? Will we know and recognize our loved ones? Answers to these questions and more are found in this profound and comforting collection of readings, meditations, and prayers from the Baha'i writings.

the immortal life of henrietta lacks: *Gödel, Escher, Bach* Douglas R. Hofstadter, 2000 'What is a self and how can a self come out of inanimate matter?' This is the riddle that drove Douglas Hofstadter to write this extraordinary book. In order to impart his original and personal view on the core mystery of human existence - our intangible sensation of 'I'-ness - Hofstadter defines the playful yet seemingly paradoxical notion of 'strange loop', and explicates this idea using analogies from many disciplines.

the immortal life of henrietta lacks: *The New Atlantis*, 2008

the immortal life of henrietta lacks: *Nine Continents* Xiaolu Guo, 2017-10-10 The acclaimed novelist's award-winning memoir of growing up in a remote Chinese fishing village is "a rich and insightful coming-of-age story" (Kirkus). The acclaimed author of *A Concise Chinese-English Dictionary for Lovers* and *I Am China*, Xiaolu Guo grew up an unwanted child in a poor fishing village on the East China Sea. But a Taoist monk made a startling prediction to her grandmother: that Guo would prove herself to be a peasant warrior and grow up to travel the nine continents. In *Nine Continents*, Guo tells the story of a curious mind coming of age in an inhospitable country, and her determination to seek a life beyond the limits of its borders. From her family's village to a rapidly changing Beijing, to a life beyond China, *Nine Continents* presents a fascinating portrait of how the Cultural Revolution shaped families, and how the country's economic ambitions have given rise to great change. This "moving and often exhilarating" memoir confirms Xiaolu Guo as one of

world literature's most urgent voices (Financial Times, UK).

the immortal life of henrietta lacks: Henrietta Lacks Naven Johnson, 2018-02-16 Who Was Henrietta Lacks? On a bright day of August 1st, in the year of 1920, Eliza and Johnny Pleasant brought forth a girl Loretta Pleasant, who's name was later on changed to Henrietta Lacks for reasons unknown to the family. As she grew up, she was given the nickname Hennie. At four years of age her birth mother died of birth complications from her tenth child. Following the hardship of taking care of the children solely, after the demise of his wife, Johnny moved to Clover, Virginia. He then gave guardianship of his children to his folks. Lacks moved in with her grandfather Tommy Lacks, in a two-story log cabin initially owned by her great grandfather and great uncle (it once served as slaves' quarter on the farm). She shared a room with David 'Day' Lacks, nine years old at the time. He was her cousin, who would later be her husband, and had been there since 1905.

the immortal life of henrietta lacks: Medical Terminology Barbara A. Gyls, Barbara A. Gyls, MeD, CMA-A, Mary Ellen Wedding, 1999-02 Each chapter in the volume features outlines, objectives, line drawings, pronunciation keys and worksheets for immediate feedback. The book uses word-building and the body-systems approach to teach terminology. Medical records sections relate the content to real-life situations.

the immortal life of henrietta lacks: The Art of Time in Memoir Sven Birkerts, 2014-05-20 The Art Of series is a new line of books reinvigorating the practice of craft and criticism. Each book will be a brief, witty, and useful exploration of fiction, nonfiction, or poetry by a writer impassioned by a singular craft issue. The Art Of volumes will provide a series of sustained examinations of key but sometimes neglected aspects of creative writing by some of contemporary literature's finest practitioners. In The Art of Time in Memoir, critic and memoirist Sven Birkerts examines the human impulse to write about the self. By examining memoirs such as Vladimir Nabokov's *Invitation of a Memory*; Virginia Woolf's unfinished *A Sketch of the Past*; and Mary Karr's *The Liars' Club*, Birkerts describes the memoirist's essential art of assembling patterns of meaning, stirring to life our own sense of past and present.

the immortal life of henrietta lacks: Medical Apartheid Harriet A. Washington, 2008-01-08 NATIONAL BOOK CRITICS CIRCLE AWARD WINNER • The first full history of Black America's shocking mistreatment as unwilling and unwitting experimental subjects at the hands of the medical establishment. No one concerned with issues of public health and racial justice can afford not to read this masterful book. [Washington] has unearthed a shocking amount of information and shaped it into a riveting, carefully documented book. —New York Times From the era of slavery to the present day, starting with the earliest encounters between Black Americans and Western medical researchers and the racist pseudoscience that resulted, *Medical Apartheid* details the ways both slaves and freedmen were used in hospitals for experiments conducted without their knowledge—a tradition that continues today within some black populations. It reveals how Blacks have historically been prey to grave-robbing as well as unauthorized autopsies and dissections. Moving into the twentieth century, it shows how the pseudoscience of eugenics and social Darwinism was used to justify experimental exploitation and shoddy medical treatment of Blacks. Shocking new details about the government's notorious Tuskegee experiment are revealed, as are similar, less-well-known medical atrocities conducted by the government, the armed forces, prisons, and private institutions. The product of years of prodigious research into medical journals and experimental reports long undisturbed, *Medical Apartheid* reveals the hidden underbelly of scientific research and makes possible, for the first time, an understanding of the roots of the African American health deficit. At last, it provides the fullest possible context for comprehending the behavioral fallout that has caused Black Americans to view researchers—and indeed the whole medical establishment—with such deep distrust.

the immortal life of henrietta lacks: Cues Vanessa Van Edwards, 2022-03-01 Wall Street Journal bestseller! For anyone who wants to be heard at work, earn that overdue promotion, or win more clients, deals, and projects, the bestselling author of *Captivate*, Vanessa Van Edwards, shares her advanced guide to improving professional relationships through the power of cues. What makes

someone charismatic? Why do some captivate a room, while others have trouble managing a small meeting? What makes some ideas spread, while other good ones fall by the wayside? If you have ever been interrupted in meetings, overlooked for career opportunities or had your ideas ignored, your cues may be the problem – and the solution. Cues – the tiny signals we send to others 24/7 through our body language, facial expressions, word choice, and vocal inflection – have a massive impact on how we, and our ideas, come across. Our cues can either enhance our message or undermine it. In this entertaining and accessible guide to the hidden language of cues, Vanessa Van Edwards teaches you how to convey power, trust, leadership, likeability, and charisma in every interaction. You'll learn: • Which body language cues assert, "I'm a leader, and here's why you should join me." • Which vocal cues make you sound more confident • Which verbal cues to use in your résumé, branding, and emails to increase trust (and generate excitement about interacting with you.) • Which visual cues you are sending in your profile pictures, clothing, and professional brand. Whether you're pitching an investment, negotiating a job offer, or having a tough conversation with a colleague, cues can help you improve your relationships, express empathy, and create meaningful connections with lasting impact. This is an indispensable guide for entrepreneurs, team leaders, young professionals, and anyone who wants to be more influential.

the immortal life of henrietta lacks: *Carved in Ebony* Jasmine L. Holmes, 2022-08-02 A look at the inspirational lives of ten Black women of faith Do the names Elizabeth Freeman, Nannie Helen Burroughs, or Charlotte Forten Grimké ring any bells? Have you ever heard of Sarah Mapps Douglass, Frances Ellen Watkins Harper, or Maria Fearing? What about Sara Griffith Stanley, Amanda Berry Smith, Lucy Craft Laney, and Maria Stewart? While these names may not be familiar to you, these women lived faithful and influential lives in a world that was filled with injustice. They worked to change laws, built schools, spoke to thousands, and shared the Gospel all around the world. And while history books may have forgotten them, their stories can teach us so much about how we can live today. Praise for *Carved in Ebony* What a gift this book . . . will be to you! Jasmine has a way of teaching you a history lesson you never knew you needed, while pointing you to a God who deeply cares for his children.--JAMIE IVEY, bestselling author and host of The Happy Hour with Jamie Ivey podcast

the immortal life of henrietta lacks: Moodtopia Sara Chana Silverstein, 2018-08-28 A popular herbalist's remedies and prescriptive program for emotional balance and overall health, using natural solutions such as essential oils and more What is Moodtopia? It simply means being in control of your moods so they're not in control of you! Sara-Chana Silverstein should know. Go-to Master herbalist RH(AHG), and classical homeopath, Sara-Chana has walked thousands of women through a focused, natural regimen that nourishes their physical, emotional, and spiritual lives. Packed with hundreds of tools, tips, and strategies, Moodtopia is a practical, easy-to-use guide to herbs, adaptogens, aromatherapy, color therapy, feng shui, intuition, homeopathy and so much more. Sara-Chana shares the best natural remedies to help combat stress, anxiety, and promote peace of mind and general health. She shows how herbs and other natural approaches are a gentle way to enhance one's emotional state without having to resort to antidepressants, anti-anxiety pills, or other medications that may have unwanted side effects. With an easy-to-implement 90-day program, Moodtopia teaches women to harness the power of nature coupled with their own inner strength to achieve optimal emotional and mental wellness.

the immortal life of henrietta lacks: Annie's Ghosts Steve Luxenberg, 2009-05-05 Beth Luxenberg was an only child. Or so everyone thought. Six months after Beth's death, her secret emerged. It had a name: Annie. Praise for *Annie's Ghosts* *Annie's Ghosts* is one of the most remarkable books I have ever read . . . From mental institutions to the Holocaust, from mothers and fathers to children and childhood, with its mysteries, sadness, and joy--this book is one emotional ride.--Bob Woodward, author of *The War Within* and *State of Denial* Steve Luxenberg sleuths his family's hidden history with the skills of an investigative reporter, the instincts of a mystery writer, and the sympathy of a loving son. His rediscovery of one lost woman illuminates the shocking fate of thousands of Americans who disappeared just a generation ago.--Tony Horwitz, author of *A Voyage*

Long and Strange and Confederates in the Attic I started reading within minutes of picking up this book, and was instantly mesmerized. It's a riveting detective story, a moving family saga, an enlightening if heartbreaking chapter in the history of America's treatment of people born with what we now call special needs. -- Deborah Tannen, author of *You Just Don't Understand* and *You're Wearing That* This is a memoir that pushes the journalistic envelope . . . Luxenberg has written a fascinating personal story as well as a report on our communal response to the mentally ill. -- Helen Epstein, author of *Where She Came From* and *Children of the Holocaust* A wise, affecting new memoir of family secrets and posthumous absolution. -- The Washington Post *Annie's Ghosts* will resonate for many, whether the chords have to do with family secrets, the Depression, memories of a thriving Detroit, the Holocaust's horrors, or the immigrant experience. -- The Detroit Free Press

the immortal life of henrietta lacks: Praying for Sheetrock Melissa Fay Greene, 2015-09-15 Finalist for the 1991 National Book Award and a New York Times Notable book, *Praying for Sheetrock* is the story of McIntosh County, a small, isolated, and lovely place on the flowery coast of Georgia--and a county where, in the 1970s, the white sheriff still wielded all the power, controlling everything and everybody. Somehow the sweeping changes of the civil rights movement managed to bypass McIntosh entirely. It took one uneducated, unemployed black man, Thurnell Alston, to challenge the sheriff and his courthouse gang--and to change the way of life in this community forever. An inspiring and absorbing account of the struggle for human dignity and racial equality (Coretta Scott King)

the immortal life of henrietta lacks: The Monkey Wars Deborah Blum, 1995-12-14 The controversy over the use of primates in research admits of no easy answers. We have all benefited from the medical discoveries of primate research--vaccines for polio, rubella, and hepatitis B are just a few. But we have also learned more in recent years about how intelligent apes and monkeys really are: they can speak to us with sign language, they can even play video games (and are as obsessed with the games as any human teenager). And activists have also uncovered widespread and unnecessarily callous treatment of animals by researchers (in 1982, a Silver Spring lab was charged with 17 counts of animal cruelty). It is a complex issue, made more difficult by the combative stance of both researchers and animal activists. In *The Monkey Wars*, Deborah Blum gives a human face to this often caustic debate--and an all-but-human face to the subjects of the struggle, the chimpanzees and monkeys themselves. Blum criss-crosses America to show us first hand the issues and personalities involved. She offers a wide-ranging, informative look at animal rights activists, now numbering some twelve million, from the moderate Animal Welfare Institute to the highly radical Animal Liberation Front (a group destructive enough to be placed on the FBI's terrorist list). And she interviews a wide variety of researchers, many forced to conduct their work protected by barbed wire and alarm systems, men and women for whom death threats and hate mail are common. She takes us to Roger Fouts's research center in Ellensburg, Washington, where we meet five chimpanzees trained in human sign language, and we visit LEMSIP, a research facility in New York State that has no barbed wire, no alarms--and no protesters chanting outside--because its director, Jan Moor-Jankowski, listens to activists with respect and treats his animals humanely. And along the way, Blum offers us insights into the many side-issues involved: the intense battle to win over school kids fought by both sides, and the danger of transplanting animal organs into humans. As it stands now, Blum concludes, the research community and its activist critics are like two different nations, nations locked in a long, bitter, seemingly intractable political standoff....But if you listen hard, there really are people on both sides willing to accept and work within the complex middle. When they can be freely heard, then we will have progressed to another place, beyond this time of hostilities. In *The Monkey Wars*, Deborah Blum gives these people their voice.

the immortal life of henrietta lacks: Your Life Calling Jane Pauley, 2014-01-07 In this inspirational book, beloved broadcast journalist Jane Pauley helps people in the middle of their lives successfully navigate a "reinvention" phase and build a positive, powerful future. IN 2014, EVERY BABY BOOMER WILL HAVE REACHED THE MILESTONE AGE OF FIFTY. FOR MOST, IT'S NOT AN END BUT THE BEGINNING OF SOMETHING NEW. This is the awakening of a generation to the

opportunities that lie ahead. Research has shown that people in their fifties are more vital now than they were only ten years ago. They're saying, "I'm game, I'm up for it, I want to do more." Jane Pauley, one of America's most beloved and trusted broadcast journalists, gives voice to the opportunities of her generation—and the next one too—offering humor and insight about the journey forward. *Your Life Calling* is a fresh look at ideas that have been simmering since boomers first entered midlife with a different perspective on the future than any generation before: that there was more to come—and perhaps the best of all. Jane is not an advice giver but a storyteller. Here she tells her own and introduces readers to the fascinating people she has featured on her award-winning Today show segment, *Life Reimagined Today*. You'll meet Betsy McCarthy, who traded in her executive briefcase for knitting needles; Gid Pool, who launched a career as a stand-up comic; Richard Rittmaster, who joined the National Guard Chaplain Corps; Trudy Lundgren, who took her home on the road in an RV; Paulie Gee, who opened a successful pizzeria in Brooklyn; and many more. Their stories are delightful, compelling, and inspiring for anyone asking "What am I going to do with my supersized life?"

the immortal life of henrietta lacks: *The Wisteria Society of Lady Scoundrels* India Holton, 2021-06-15 A New York Times Notable Book of 2021 "The kind of book for which the word "rollicking" was invented."—New York Times Book Review A prim and proper lady thief must save her aunt from a crazed pirate and his dangerously charming henchman in this fantastical historical romance. Cecilia Bassingwaite is the ideal Victorian lady. She's also a thief. Like the other members of the Wisteria Society crime sorority, she flies around England drinking tea, blackmailing friends, and acquiring treasure by interesting means. Sure, she has a dark and traumatic past and an overbearing aunt, but all things considered, it's a pleasant existence. Until the men show up. Ned Lightbourne is a sometimes assassin who is smitten with Cecilia from the moment they meet. Unfortunately, that happens to be while he's under direct orders to kill her. His employer, Captain Morvath, who possesses a gothic abbey bristling with cannons and an unbridled hate for the world, intends to rid England of all its presumptuous women, starting with the Wisteria Society. Ned has plans of his own. But both men have made one grave mistake. Never underestimate a woman. When Morvath imperils the Wisteria Society, Cecilia is forced to team up with her handsome would-be assassin to save the women who raised her—hopefully proving, once and for all, that she's as much of a scoundrel as the rest of them.

the immortal life of henrietta lacks: *Resilience Engineering* Nii O. Attah-Okine, 2016-04-04 Along with case studies, this book presents a step-by-step approach to formulating the resilience of civil infrastructure and energy systems.

the immortal life of henrietta lacks: *Global Health 101* Skolnik, 2016 Rated by an independent panel as the best introductory Global Health text for undergraduates, *Global Health 101*, Third Edition is a clear, concise, and user-friendly introduction to the most critical issues in global health. It illustrates key themes with an extensive set of case studies, examples, and the latest evidence. Particular attention is given to the health-development link, to developing countries, and to the health needs of poor and disadvantaged people. The Third Edition is a thorough revision that offers an extensive amount of new and updated information, while maintaining clarity, simplicity, and ease of use for faculty and students. Offering the latest data on the burden of disease, the book presents unique content on key topics that are often insufficiently covered in introductory materials, such as immunization and adolescent health.

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experience, the authors present the Question Formulation Technique, a concise and powerful protocol that enables learners to produce their own questions, improve their questions, and strategize how to use them. Make Just One Change features the voices and experiences of teachers in classrooms across the country to illustrate the use of the Question Formulation Technique across grade levels and subject areas and with different kinds of learners.

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and engage, and are a treat to read for anyone whose life has been affected by cancer.

the immortal life of henrietta lacks: My Beloved Brontosaurus Brian Switek, 2013-04-16 A Hudson Booksellers Staff Pick for the Best Books of 2013 One of Publishers Weekly's Top Ten Spring Science Books A Bookshop Santa Cruz Staff Pick Dinosaurs, with their awe-inspiring size, terrifying claws and teeth, and otherworldly abilities, occupy a sacred place in our childhoods. They loom over museum halls, thunder through movies, and are a fundamental part of our collective imagination. In *My Beloved Brontosaurus*, the dinosaur fanatic Brian Switek enriches the childlike sense of wonder these amazing creatures instill in us. Investigating the latest discoveries in paleontology, he breathes new life into old bones. Switek reunites us with these mysterious creatures as he visits desolate excavation sites and hallowed museum vaults, exploring everything from the sex life of *Apatosaurus* and *T. rex*'s feather-laden body to just why dinosaurs vanished. (And of course, on his journey, he celebrates the book's titular hero, *Brontosaurus*—who suffered a second extinction when we learned he never existed at all—as a symbol of scientific progress.) With infectious enthusiasm, Switek questions what we've long held to be true about these beasts, weaving in stories from his obsession with dinosaurs, which started when he was just knee-high to a *Stegosaurus*. Endearing, surprising, and essential to our understanding of our own evolution and our place on Earth, *My Beloved Brontosaurus* is a book that dinosaur fans and anyone interested in scientific progress will cherish for years to come.

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Wells was born into slavery and raised in the Victorian age yet emerged—through her fierce political battles and progressive thinking—as the first “modern” black woman in the nation’s history. Wells began her activist career when she tried to segregate a first-class railway car in Memphis. After being thrown bodily off the car, she wrote about the incident for black Baptist newspapers, thus beginning her career as a journalist. But her most abiding fight would be the one against lynching, a crime in which she saw all the themes she held most dear coalesce: sexuality, race, and the law.

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