

Forgotten Women: The Scientists

'To say this series is "empowering" doesn't do it justice. Buy a copy for your daughters, sisters, mums, aunts and nieces - just make sure you buy a copy for your sons, brothers, dads, uncles and nephews, too.' - Independent The women who shaped and were erased from our history. Forgotten Women is a new series of books that uncover the lost herstories of influential women who have refused over hundreds of years to accept the hand they've been dealt and, as a result, have formed, shaped and changed the course of our futures. The Artists brings together the stories of 48* brilliant woman artists who made huge yet unacknowledged contributions to the history of art, including Camille Claudel, the extraordinarily talented sculptor who was always unfairly overshadowed by her lover, Rodin; Baroness Elsa von Freytag-Loringhoven, who has been claimed as the true originator of Marcel Duchamp's Fountain; and Ana Mendieta, the Cuban refugee who approached violence against women through her performance art before her own untimely death. With chapters ranging from Figurative to Photography, and Craft to Conceptual, this is an alternative guide to art history that demonstrates the broad range of artistic movements that included, and were often pioneered by, female artists who have been largely overlooked. *The number of Nobel-prize-winning women.

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We don't see them on TV, in textbooks or in newspapers, and most of us can't name a single one. But there are thousands of women scientists in India, who perform experiments in laboratories, peer through powerful telescopes and camp out in harsh and extreme conditions. This unique book presents the stories of thirty-one of these trailblazing women who work in a diverse array of fields, from environmental biotechnology to particle physics, palaeobiology to astrophysics. Through their research, they uncover the mysteries of the universe, find more sustainable ways of living, cure life-threatening diseases and study animals and plants that are long gone. Find out what drew them to science, read about how they deal with the difficulties and pressures of their work, and learn how they push the boundaries of human knowledge further and further every day.

Forgotten Women is a new series of books that uncover the lost herstories of influential women who have refused over hundreds of years to accept the hand they've been dealt and, as a result, have formed, shaped and changed the course of our futures. From leaders and scientists to artists and writers, the fascinating stories of these women that time forgot are now celebrated, putting their achievements firmly back on the map. The Artists brings together the stories of 48 brilliant woman artists who made huge yet unacknowledged contributions to the history of art, including Camille Claudel, the extraordinarily talented sculptor who was always unfairly overshadowed by her lover, Rodin; Baroness Elsa von Freytag-Loringhoven,*

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From the ancient world to the present women have been critical to the progress of science, yet their importance is overlooked, their stories lost, distorted, or actively suppressed. Forces of Nature sets the record straight and charts the fascinating history of women's discoveries in science. In the ancient and medieval world, women served as royal physicians and nurses, taught mathematics, studied the stars, and practiced midwifery. As natural philosophers, physicists, anatomists, and botanists, they were central to the great intellectual flourishing of the Scientific Revolution and the Enlightenment. More recently women have been crucially involved in the Manhattan Project, pioneering space missions and much more. Despite their record of illustrious achievements, even today very few women win Nobel Prizes in science. In this thoroughly researched, authoritative work, you will discover how women have navigated a male-dominated scientific culture - showing themselves to be pioneers and trailblazers, often without any recognition at all. Included in the book are the

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*stories of: Hypatia of Alexandria, one of the earliest recorded female mathematicians
Maria Cunitz who corrected errors in Kepler's work Emmy Noether who discovered
fundamental laws of physics Vera Rubin one of the most influential astronomers of
the twentieth century Jocelyn Bell Burnell who helped discover pulsars
How the Ladies of the Harvard Observatory Took the Measure of the Stars
The Women who Changed Science*

A Lab of One's Own

One Woman's Personal Journey Through Sexism in Science

Behind Every Great Man

Stolen Science

How Radicals, Rebels, and Everywomen Revolutionized the Last 200 Years

From #1 New York Times bestselling author Dava Sobel, the "inspiring" (People), little-known true story of women's landmark contributions to astronomy A New York Times Book Review Notable Book Named one of the best books of the year by NPR, The Economist, Smithsonian, Nature, and NPR's Science Friday Nominated for the PEN/E.O. Wilson Literary Science Writing Award "A joy to read." —The Wall Street Journal In the mid-nineteenth century, the Harvard College Observatory began employing women as calculators, or "human computers," to interpret the observations their male counterparts made via telescope each night. At the outset this group included the wives, sisters, and daughters of the resident astronomers, but soon the

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female corps included graduates of the new women's colleges—Vassar, Wellesley, and Smith. As photography transformed the practice of astronomy, the ladies turned from computation to studying the stars captured nightly on glass photographic plates. The “glass universe” of half a million plates that Harvard amassed over the ensuing decades—through the generous support of Mrs. Anna Palmer Draper, the widow of a pioneer in stellar photography—enabled the women to make extraordinary discoveries that attracted worldwide acclaim. They helped discern what stars were made of, divided the stars into meaningful categories for further research, and found a way to measure distances across space by starlight. Their ranks included Williamina Fleming, a Scottish woman originally hired as a maid who went on to identify ten novae and more than three hundred variable stars; Annie Jump Cannon, who designed a stellar classification system that was adopted by astronomers the world over and is still in use; and Dr. Cecilia Helena Payne, who in 1956 became the first ever woman professor of astronomy at Harvard—and Harvard’s first female department chair. Elegantly written and enriched by excerpts from letters, diaries, and memoirs, *The Glass Universe* is the hidden history of the women whose contributions to the burgeoning field of astronomy forever changed our understanding of the stars and our place in the universe. The oil and gas industry is one of the richest and most powerful industries in the world. In recent years, company avowals in support of diversity, much-touted programs for “women in STEM,” and, most importantly, a tight labor market with near parity in

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women pursuing geoscience credentials might lead us to expect progress for women in this industry's corporate ranks. Yet, for all the talk of "the great crew change," the industry remains overwhelmingly white and male. Sociologist Christine L. Williams asks, where are the women? To answer this question, Williams embarked on a decade-long investigation—one involving one hundred in-depth interviews, a longitudinal survey, and ethnographic research—that allowed her to observe the industry in times of boom and bust. She found that when the industry expands, women may be able to walk through the door, but when the industry contracts, the door becomes a revolving one whirling ever faster, as companies retreat to their white male core. These gendered outcomes are obscured by firms' stated commitments to diversity in hiring and the language of merit. The result is organizational gaslighting, a radical dissonance between language and practice that Williams exposes for all.

From Kevin Brockmeier, one of this generation's most inventive young writers, comes a striking new novel about death, life, and the mysterious place in between. The City is inhabited by those who have departed Earth but are still remembered by the living. They will reside in this afterlife until they are completely forgotten. But the City is shrinking, and the residents clearing out. Some of the holdouts, like Luka Sims, who produces the City's only newspaper, are wondering what exactly is going on. Others, like Coleman Kinzler, believe it is the beginning of the end. Meanwhile, Laura Byrd is trapped in an Antarctic research station, her supplies are running low, her radio finds

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only static, and the power is failing. With little choice, Laura sets out across the ice to look for help, but time is running out. Kevin Brockmeier alternates these two storylines to create a lyrical and haunting story about love, loss and the power of memory.

A reexamination of the origins of modern science; discovers a forgotten heritage of women scientists and probes the cultural and historical forces that continue to shape the course of scientific scholarship and knowledge.

The Untold Story of the Women Who Helped Win World War II

A Novel

Gaslighted

Rise of the Rocket Girls

Forgotten Women: The Scientists

Women in the Origins of Modern Science

Selected for the Evening Standard present gift guide of the year 'To say this series is "empowering" doesn't do it justice. Buy a copy for your daughters, sisters, mums, aunts and nieces - just make sure you buy a copy for your sons, brothers, dads, uncles and nephews, too.' - indy100 'Here's to no more forgotten women.' Evening Standard The women who shaped and were erased from our history. The Forgotten Women series will uncover the lost histories of the influential women who have refused over hundreds of years to accept the hand they've been dealt and, as a result, have formed, shaped and changed the course of our futures. The Leaders weaves together 48* unforgettable

portraits of the true pioneers and leaders who made huge yet unacknowledged contributions to history, including: Grace O'Malley, the 16th century Irish pirate queen Sylvia Rivera, who spearheaded the modern transgender rights movement Agent 355, the unknown rebel spy who played a pivotal role in the American Revolution Noor Inayat Khan, who went undercover to spy for the French Resistance and became Nazi enemy no. 1 Amina of Zazzau, the formidable ancient Muslim warrior queen of Northern Nigeria Chapters including Rebels; Warriors; Rulers; Activists and Reformers shine a spotlight on the rebellious women who defied the odds, and the opposition, to change the world around them. *The number of Nobel-prize-winning women.

In the bestselling tradition of Stuff Matters and The Disappearing Spoon: a clever and engaging look at materials, the innovations they made possible, and how these technologies changed us. Finalist for the 41st Los Angeles Times Book Award in Science and Technology and selected as one of the Best Summer Science Books Of 2020 by Science Friday. In The Alchemy of Us, scientist and science writer Ainissa Ramirez examines eight inventions--clocks, steel rails, copper communication cables, photographic film, light bulbs, hard disks, scientific labware, and silicon chips--and reveals how they shaped the human experience. Ramirez tells the stories of the woman who sold time, the inventor who inspired Edison, and the hotheaded undertaker whose invention pointed the way to the computer. She describes, among other things, how our pursuit of precision in timepieces changed how we sleep; how the railroad helped commercialize Christmas; how the necessary brevity of the telegram influenced Hemingway's writing style; and how a young chemist exposed the use of Polaroid's

cameras to create passbooks to track Black citizens in apartheid South Africa. These fascinating and inspiring stories offer new perspectives on our relationships with technologies.

A “beautifully written” (Kirkus Reviews, starred review) memoir-manifesto from the first female director of the National Science Foundation about the entrenched sexism in science, the elaborate detours women have take to bypass the problem, and how to fix the system. If you think sexism thrives only on Wall Street or Hollywood, you haven’t visited a lab, a science department, a research foundation, or a biotech firm. Rita Colwell is one of the top scientists in America: the groundbreaking microbiologist who discovered how cholera survives between epidemics and the former head of the National Science Foundation. But when she first applied for a graduate fellowship in bacteriology, she was told, “We don’t waste fellowships on women.” A lack of support from some male superiors would lead her to change her area of study six times before completing her PhD. A Lab of One’s Own is an “engaging” (Booklist) book that documents all Colwell has seen and heard over her six decades in science, from sexual harassment in the lab to obscure systems blocking women from leading professional organizations or publishing their work. Along the way, she encounters other women pushing back against the status quo, including a group at MIT who revolt when they discover their labs are a fraction of the size of their male colleagues. Resistance gave female scientists special gifts: forced to change specialties so many times, they came to see things in a more interdisciplinary way, which turned out to be key to making new discoveries in the 20th and 21st centuries. Colwell would also witness the advances that

could be made when men and women worked together—often under her direction, such as when she headed a team that helped to uncover the source of anthrax used in the 2001 letter attacks. A Lab of One's Own is “an inspiring read for women embarking on a career or experiencing career challenges” (Library Journal, starred review) that shares the sheer joy a scientist feels when moving toward a breakthrough, and the thrill of uncovering a whole new generation of female pioneers. It is the science book for the #MeToo era, offering an astute diagnosis of how to fix the problem of sexism in science—and a celebration of women pushing back.

Forgotten Women: The Leaders Cassell

The Women's History of the Modern World

52 Women Who Changed Science-and the World

Forgotten Women: The Writers

No Boundaries

Women of Science in Enlightenment France

The Glass Universe

Wonder Women

A collection of artworks inspired by the lives and achievements of fifty famous women in science, technology, engineering, and mathematics, from the ancient world to the present, profiles each notable individual.

'To say this series is "empowering" doesn't do it justice. Buy a copy for your daughters, sisters, mums, aunts and nieces - just make sure you buy a copy for your sons, brothers, dads, uncles and nephews, too.' - Independent The women

who shaped and were erased from our history. Forgotten Women is a new series of books that uncover the lost herstories of influential women who have refused over hundreds of years to accept the hand they've been dealt and, as a result, have formed, shaped and changed the course of our futures. From leaders and scientists to artists and writers, the fascinating stories of these women that time forgot are now celebrated, putting their achievements firmly back on the map. The Writers celebrates 48* unsung genius female writers from throughout history and across the world, including the Girl Stunt Reporters, who went undercover to write exposés on the ills of 1890s America; Aemilia Lanyer, the contemporary of Shakespeare whose polemical re-writing of The Bible's Passion Story is regarded as one of the earliest feminist works of literature; and Sarojini Naidu, the freedom fighter and 'Nightingale of India' whose poetry echoed her political desire for Indian independence. Including writers from across a wide spectrum of disciplines including poets, journalists, novelists, essayists and diarists, this is an alternative gynocentric history of literature that will surprise, empower, and leave you with a reading list a mile long. *The number of Nobel-prize-winning women.

Badass Women Scientists and Entrepreneurs You Should Know From saving the oceans to improving the rehabilitation and job prospects of people struggling in prison, these badass female scientists and entrepreneurs are changing the world. Take a look at what the future holds—and how women are making it better. In The Future of Science is Female, author and award-winning journalist Zara Stone shares the fascinating, complicated stories of how a diverse group of powerful

women got started—from the perspective of those still working it out as they go along. Take 22-year old Dominique Barnes, a female hero of the oceans. She was worried about all the dolphins and whales killed during shrimp farming, so the marine biologist created a tasty, affordable plant-based shrimp alternative. And she's just one of the sheroes you will discover in *The Future of Science is Female*. Real encouragement and inspiration for today's amazing girls. Forget the "ivory tower" of accomplishment. Learn about the drama, tears, and adventures everyday women heroes face as they race to fix everything the world has messed up. *The Future of Science is Female* inspires future female founders of the world to turn their dreams into reality. In this book, learn about:

- Kimberlie Le and her edible synthesized fungi that tastes just like your favorite seafood
- Pree Walia's Nailbot, a portable printer that prints nail art from a cellphone and encourages girls to join STEM programs

Readers of inspiring books about strong women like *The Book of Awesome Women*, *Galaxy Girls*, and *Girls Who Run the World* will love *The Future of Science is Female*.

Presents information about the achievements of women in the field of astronomy throughout history, from women astronomers in the ancient and medieval world to prominent women in the profession today.

Forgotten Women: The Artists

Tales of Science, Love, Sorrow, and Courage

Women Scientists in India

Minerva's French Sisters

***History vs Women: The Defiant Lives that They Don't Want You to Know
Yesterday's Headliners
Women in Microbiology***

NATIONAL BESTSELLER • “Exciting and provocative . . . A tour de force of a book that begs to be seen as well as to be read.”—The Washington Post Book World World renowned scientist Carl Sagan and acclaimed author Ann Druyan have written a Roots for the human species, a lucid and riveting account of how humans got to be the way we are. *Shadows of Forgotten Ancestors* is a thrilling saga that starts with the origin of the Earth. It shows with humor and drama that many of our key traits—self-awareness, technology, family ties, submission to authority, hatred for those a little different from ourselves, reason, and ethics—are rooted in the deep past, and illuminated by our kinship with other animals. Sagan and Druyan conduct a breathtaking journey through space and time, zeroing in on critical turning points in evolutionary history, and tracing the origins of sex, altruism, violence, rape, and dominance. Their book culminates in a stunningly original examination of the connection between primate and human traits. Astonishing in its scope, brilliant in its insights, and an absolutely compelling read, *Shadows of Forgotten Ancestors* is a triumph of popular science. A fascinating collective biography of six female scientists in eighteenth-century France, whose stories were largely written out of history This book presents the

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stories of six intrepid Frenchwomen of science in the Enlightenment whose accomplishments--though celebrated in their lifetimes--have been generally omitted from subsequent studies of their period: mathematician and philosopher Elisabeth Ferrand, astronomer Nicole Reine Lepaute, field naturalist Jeanne Barret, garden botanist and illustrator Madeleine Françoise Basseporte, anatomist and inventor Marie-Marguerite Bihéron, and chemist Geneviève d'Arconville. By adjusting our lens, we can find them. In a society where science was not yet an established profession for men, much less women, these six audacious and inspiring figures made their mark on their respective fields of science and on Enlightenment society, as they defied gender expectations and conventional norms. Their boldness and contributions to science were appreciated by such luminaries as Franklin, the philosophes, and many European monarchs. The book is written in an unorthodox style to match the women's breaking of boundaries.

A fresh approach to a timely topic, *Stolen Science* is a fascinating compendium of stories of uncredited scientists and inventors throughout the ages. Over the centuries, women, people from underrepresented communities, and immigrants overcame prejudices and social obstacles to make remarkable discoveries in science--but they weren't the ones to receive credit in history books. People with more power, money, and prestige were remembered as the inventor of the

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telephone, the scientists who decoded the structure of DNA, and the doctor who discovered the cause of yellow fever. This book aims to set the record straight and celebrate the nearly forgotten inventors and scientists who shaped our world today.

Of the 1586 lunar craters that have been named to honour scientists and philosophers, only 28 honor a woman. Who were these women? What has happened to make women

My Sister Rosalind Franklin

Mothers of Invention

How the Oil and Gas Industry Shortchanges Women Scientists

52 Forgotten Women Who Changed the World

The Alchemy of Us

25 Women Explorers and Scientists Share Adventures, Inspiration, and Advice

25 Innovators, Inventors, and Trailblazers Who Changed History

A fun and feminist look at forgotten women in science, technology, and

beyond, from the bestselling author of THE FANGIRL'S GUIDE TO THE

GALAXY You may think you know women's history pretty well. But have

you ever heard of. . . · Alice Ball, the chemist who developed an

effective treatment for leprosy—only to have the credit taken by a

man? · Mary Sherman Morgan, the rocket scientist whose liquid fuel

compounds blasted the first U.S. satellite into orbit? · Huang Daopo,

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the inventor whose weaving technology revolutionized textile production in China—centuries before the cotton gin? Smart women have always been able to achieve amazing things, even when the odds were stacked against them. In *Wonder Women*, author Sam Maggs tells the stories of the brilliant, brainy, and totally rad women in history who broke barriers as scientists, engineers, mathematicians, adventurers, and inventors. Plus, interviews with real-life women in STEM careers, an extensive bibliography, and a guide to women-centric science and technology organizations—all to show the many ways the geeky girls of today can help to build the future. Table of Contents: Women of Science Women of Medicine Women of Espionage Women of Innovation Women of Adventure

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The women who shaped and were erased from our history. The *Forgotten Women* series will uncover the lost histories of the influential women who have refused over hundreds of years to accept the hand they've been dealt and, as a result, have formed, shaped and changed the course of our futures. *The Scientists* celebrates 48* unsung scientific heroines whose hugely important, yet broadly unacknowledged or

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incorrectly attributed, discoveries have transformed our understanding of the scientific world. Mary Anning, the amateur paleontologist whose fossil findings changed scientific thinking about prehistoric life
Emmy Noether, dubbed "The Mighty Mathematician You've Never Heard Of"
Ynés Mexía, the Mexican-American botanist who discovered over 500 new plant species
Wangari Maathai, who started an environmental and ecological revolution in Kenya
Margaret Sanger, the maverick nurse who paved the way for the legalization of contraception
Chapters including Earth & Universe; Biology & Natural Sciences; Medicine & Psychology; Physics & Chemistry; Mathematics and Technology & Inventions profile the female scientists who have defied the odds, and the opposition, to change the world around us. *The number of Nobel-prize-winning women.
Historical non-fiction , 245 pages with illustrations
Describes how women invent such items as Liquid Paper, chocolate chip cookies, tract houses, brassieres, computer compilers, and nonreflecting glass
Bygone Badass Broads
31 Fantastic Adventures in Science
Science and Suffrage in the First World War
How Humans and Matter Transformed One Another
The Women Who Propelled Us, from Missiles to the Moon to Mars
The Role of Women in the History of Geology

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Forgotten Women: The Leaders

A Lab of One's Own describes the experiences of some extraordinary but sadly neglected women who tasted independence, responsibility, and excitement in World War One. Understanding the past is crucial for improving the future, and Patricia Fara examines how inherited prejudices continue to limit women's scientific opportunities. Suffragists aligned themselves with scientific and technological progress. Defying arguments about intellectual inferiority and domestic bearing responsibilities, during the War they won support by mobilising women to enter conventionally male domains, including science, industry, medicine, and the military. A Lab of One's Own reveals these women's stories, celebrating successes and analysing setbacks. In 1918 suffragist Millicent Fawcett declared triumphantly that "The war revolutionised the industrial position of women. It found them serfs, and left them free." She was wrong: although women had helped the country to victory and won the vote for those over thirty, they had lost their equality. Men returning from the Front reclaimed their jobs, and conventional hierarchies were re-established - although now the nation knew that women were fully capable of performing work traditionally reserved for men.

This volume unravels the diverse roles women have played in the history and development of science as a discipline predominantly in the UK, Ireland and Australia, and selectively in Germany, Russia and the US. It covers the period from the late eighteenth century to the present day and shows how the roles that women have played have changed with time. These included illustrators, museum collectors, curators, educationalists, researchers and geologists, many of whom were assistants to their male relatives. This book looks at all these forgotten women who contributed to this male-dominated subject.

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The internationally bestselling author of *Who Cooked the Last Supper?* presents a wickedly very current history of the extraordinary female rebels, reactionaries, and trailblazers who mark on history from the French Revolution up to the present day. Now is the time for a women's history—for the famous, infamous, and unsung women to get their due—from the Enlightenment to the #MeToo movement. Recording the important milestones in the birth of the modern feminist movement and the rise of women into greater social, economic, and political power, Miles takes us through through a colorful pageant of astonishing women, from heads of state like Empress Cixi, Eugenia Charles, Indira Gandhi, Jacinda Ardern, and Ellen Johnson Sirleaf to political rainmakers Kate Sheppard, Carrie Chapman Catt, Anna Stout, Dorothy Height, Shiraz Durrani, Chisholm, Winnie Mandela, STEM powerhouses Jocelyn Bell Burnell, Rosalind Franklin, Sophia Kowalevskaya, Marie Curie, and Ada Lovelace, revolutionaries Olympe de Gouges, Harriet Tubman, Sojourner Truth, Patyegarang, and writer/intellectuals Mary Wollstonecraft, Simon de Beauvoir, Elaine Morgan, and Germaine Greer. Women in the arts, women in sports, women in business, women in religion, women in politics—this is a one-stop roundup of the tremendous progress women have made in the modern era. A testimony to how women have persisted—and excelled—and a stylish popular history for all readers.

Who Said Men Get to Monopolize the Glory? Discover the Little Known Women Who Have Shaped the World's Alpha Males on the Map. From ancient times to the present, men have gotten more good ink. Yet standing just outside the spotlight are the extraordinary, and overlooked, women companions who are just as instrumental in shaping the destinies of their famous—and infamous—men. This witty, illuminating book reveals the remarkable stories of forty captive women, from Constance Lloyd (Mrs. Oscar Wilde) to Carolyn Adams (Mrs. Jerry Garcia), w

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stood behind their legendary partners and helped to humanize them, often at the cost of careers, reputations, and happiness. Through fame and its attendant ills—alcoholism, infidelity, mental illness, divorce, and even attempted murder—these powerful women quietly propelled to the top and changed the course of history. Meet the Untold Half of History, Including: Reville (Mrs. Alfred Hitchcock) • Elena Diakonova (Mrs. Salvador Dali) • Winifred Madikizela (Mrs. Nelson Mandela) • Ann Charteris (Mrs. Ian Fleming, a.k.a. Mrs. James Bond) • Ruth Alpern (Mrs. Bernie Maddoff) And 35 more!

Forces of Nature

The Mind Has No Sex?

The Brief History of the Dead

Reaching for the Stars

Almost Forgotten Women

Fearless Pioneers Who Changed the World

The Real Story of Mileva Einstein-Marić

Was Einstein's first wife his uncredited coauthor, unpaid assistant, or his unacknowledged helpmeet? The real “Mileva Story.” Albert Einstein's first wife, Mileva Einstein-Marić, was forgotten for decades. When a trove of correspondence between them beginning in their student days was discovered in 1986, her story began to be told. Some of the tellers of the “Mileva Story” made startling claims: that she was a brilliant mathematician who surpassed her husband, and that she made uncredited contributions to his most celebrated papers in 1905, including his paper on special relativity. This book, based on extensive

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historical research, uncovers the real “Mileva Story.” Mileva was one of the few women of her era to pursue higher education in science; she and Einstein were students together at the Zurich Polytechnic. Mileva's ambitions for a science career, however, suffered a series of setbacks—failed diploma examinations, a disagreement with her doctoral dissertation adviser, an out-of-wedlock pregnancy by Einstein. She and Einstein married in 1903 and had two sons, but the marriage failed. Was Mileva her husband's uncredited coauthor, unpaid assistant, or his essential helpmeet? It's tempting to believe that she was her husband's secret collaborator, but the authors of *Einstein's Wife* look at the actual evidence, and a chapter by Ruth Lewin Sime offers important historical context. The story they tell is that of a brave and determined young woman who struggled against a variety of obstacles at a time when science was not very welcoming to women.

Looks at the contributions of the thousands of women who worked at a secret uranium-enriching facility in Oak Ridge, Tennessee during World War II.

Fifty-two inspiring and insightful profiles of history's brightest female scientists. “Rachel Swaby's no-nonsense and needed Headstrong dynamically profiles historically overlooked female visionaries in science, technology, engineering, and math.”—*Elle* In 2013, the New York Times published an obituary for Yvonne Brill. It began: “She made a mean beef stroganoff, followed her husband from job to job, and took eight years off from work to raise three children.” It wasn't until the second paragraph that readers discovered why the

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Times had devoted several hundred words to her life: Brill was a brilliant rocket scientist who invented a propulsion system to keep communications satellites in orbit, and had recently been awarded the National Medal of Technology and Innovation. Among the questions the obituary—and consequent outcry—prompted were, Who are the role models for today's female scientists, and where can we find the stories that cast them in their true light? Headstrong delivers a powerful, global, and engaging response. Covering Nobel Prize winners and major innovators, as well as lesser-known but hugely significant scientists who influence our every day, Rachel Swaby's vibrant profiles span centuries of courageous thinkers and illustrate how each one's ideas developed, from their first moment of scientific engagement through the research and discovery for which they're best known. This fascinating tour reveals 52 women at their best—while encouraging and inspiring a new generation of girls to put on their lab coats.

The riveting true story of the women who launched America into space. In the 1940s and 50s, when the newly minted Jet Propulsion Laboratory needed quick-thinking mathematicians to calculate velocities and plot trajectories, they didn't turn to male graduates. Rather, they recruited an elite group of young women who, with only pencil, paper, and mathematical prowess, transformed rocket design, helped bring about the first American satellites, and made the exploration of the solar system possible. For the first time, *Rise of the Rocket Girls* tells the stories of these women -- known as "human

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computers" -- who broke the boundaries of both gender and science. Based on extensive research and interviews with all the living members of the team, *Rise of the Rocket Girls* offers a unique perspective on the role of women in science: both where we've been, and the far reaches of space to which we're heading. "If *Hidden Figures* has you itching to learn more about the women who worked in the space program, pick up Nathalia Holt's lively, immensely readable history, *Rise of the Rocket Girls*." -- Entertainment Weekly

The Girls of Atomic City

Headstrong

Women in Science

Women Astronomers

Einstein's Wife

From the Bra to the Bomb : Forgotten Women & Their Unforgettable Ideas

The Women of the Moon

*Many girls want to become scientists when they grow up, just like many boys do. But for these girls, the struggle to do what they love and to be treated with respect has been much harder because of the discrimination and bias in our society. In *Women in Microbiology*, we meet women who, despite these obstacles and against tough odds, have become scientific leaders and revered mentors. The women*

profiled in this collection range from historic figures like Alice Catherine Evans and Ruth Ella Moore to modern heroes like Michele Swanson and Katrina Forest. What binds all of these remarkable women are a passion for their work, a zest for life, a warm devotion to mentoring others—especially younger women—and a sense of justice and fairness that they are willing to fight tirelessly to obtain. Each story is unique, but each woman featured in Women in Microbiology has done so much to expand our knowledge of the natural world while also making it easier for the next generation of scientists to work collaboratively and in an atmosphere where people are judged by their intellect, imagination, skill, and commitment to service regardless of gender or race. Women in Microbiology is a wonderful collection of stories that will inspire everyone, but especially young women and men who are wondering how to find their way in the working world. Some of the names are familiar and some are lesser known, but all of the stories arouse a sense of excitement, driven by tales of new, important scientific insights, stories of overcoming adversity and breaking boundaries, and the inclusion of personal tips and advice from successful careers. These stories are proof that a

person can live a balanced and passionate life in science that is rich and rewarding.

Rebels, rulers, scientists, artists, warriors and villains Women are, and have always been, all these things and more. Looking through the ages and across the globe, Anita Sarkeesian, founder of Feminist Frequency, along with Ebony Adams PHD, have reclaimed the stories of twenty-five remarkable women who dared to defy history and change the world around them. From Mongolian wrestlers to Chinese pirates, Native American ballerinas to Egyptian scientists, Japanese novelists to British Prime Ministers, History vs Women will reframe the history that you thought you knew. Featuring beautiful full-color illustrations of each woman and a bold graphic design, this standout nonfiction title is the perfect read for teens (or adults!) who want the true stories of phenomenal women from around the world and insight into how their lives and accomplishments impacted both their societies and our own.

***FREE SAMPLER** 'To say this series is "empowering" doesn't do it justice. Buy a copy for your daughters, sisters, mums, aunts and nieces - just make sure you buy a copy for your sons, brothers, dads,*

uncles and nephews, too.' - indy100 *The women who shaped and were erased from our history. The Forgotten Women series will uncover the lost histories of the influential women who have refused over hundreds of years to accept the hand they've been dealt and, as a result, have formed, shaped and changed the course of our futures. The Leaders weaves together 48* unforgettable portraits of the true pioneers and leaders who made huge yet unacknowledged contributions to history, including: Grace O'Malley, the 16th century Irish pirate queen Sylvia Rivera, who spearheaded the modern transgender rights movement Agent 355, the unknown rebel spy who played a pivotal role in the American Revolution Noor Inayat Khan, who went undercover to spy for the French Resistance and became Nazi enemy no. 1 Amina of Zazzau, the formidable ancient Muslim warrior queen of Northern Nigeria Chapters including Rebels; Warriors; Rulers; Activists and Reformers shine a spotlight on the rebellious women who defied the odds, and the opposition, to change the world around them. This free sampler gives you a window into their inspiring yet hidden stories. *The number of Nobel-prize-winning women.*

'To say this series is "empowering" doesn't do it justice. Buy a copy for your daughters, sisters, mums, aunts and nieces - just make sure you buy a copy for your sons, brothers, dads, uncles and nephews, too.' - indy100 *'Here's to no more forgotten women.'* Evening Standard *The women who shaped and were erased from our history. The Forgotten Women series will uncover the lost histories of the influential women who have refused over hundreds of years to accept the hand they've been dealt and, as a result, have formed, shaped and changed the course of our futures. The Leaders weaves together 48* unforgettable portraits of the true pioneers and leaders who made huge yet unacknowledged contributions to history, including: Grace O'Malley, the 16th century Irish pirate queen Sylvia Rivera, who spearheaded the modern transgender rights movement Agent 355, the unknown rebel spy who played a pivotal role in the American Revolution Noor Inayat Khan, who went undercover to spy for the French Resistance and became Nazi enemy no. 1 Amina of Zazzau, the formidable ancient Muslim warrior queen of Northern Nigeria Chapters including Rebels; Warriors; Rulers; Activists and Reformers shine a spotlight on the rebellious women who defied the odds, and the opposition, to*

*change the world around them. *The number of Nobel-prize-winning women.*

Her Hidden Genius

The Future of Science is Female

The Forgotten Women Behind the World's Famous and Infamous

The Brilliant Minds Shaping the 21st Century

Shadows of Forgotten Ancestors

“You’ll meet suffragettes who did jujitsu, women warriors who wore lipstick into battle and queens who put women in their rightful places—positions of power.” —Ms. Based on Mackenzi Lee’s popular weekly Twitter series of the same name, *Bygone Badass Broads* features fifty-two remarkable and forgotten trailblazing women from all over the world. With tales of heroism and cunning, in-depth bios and witty storytelling, *Bygone Badass Broads* gives new life to these historic female pioneers. Starting in the fifth century BC and continuing to the present, the book takes a closer look at bold and inspiring women who dared to step outside the traditional gender roles of their time. Coupled with riveting illustrations and Lee’s humorous and conversational storytelling style, this book is an outright celebration of the badass women who paved the way for the

**rest of us. "The author of the first novel, warriors and rulers, scientists and war heroes. History abounds with tales of trailblazing women long forgotten—especially those who were nonwhite, non-Western, or not straight. Take a look at a dozen of the women in Bygone Badass Broads so you can begin to see what you missed in history class." —The Boston Globe "Shar[es] the stories of fifty-two women in history who changed the game forever—even though you've probably never heard of them . . . If you're looking for some inspiration this , you Women's History Month just got it—fifty-two times over." —Bustle "Lee admirably fulfills her stated goal of promoting lesser-known subjects who are awesome, accompanied by brightly colored, full-page artwork." —School Library Journal "Learn about what kinds of jobs these fearless female scientists and explorers do, and how you can follow in their footsteps"--
The sister of the molecular biologist describes Rosalind Franklin's life, including her early education, her relations with her family, her time as a student at Cambridge University, and her scientific achievements.
"Brings to life Franklin's grit and spirit...an important contribution to the historical record." —The Washington Post The new novel from**

the New York Times bestselling author of *The Mystery of Mrs. Christie!* She changed the world with her discovery. Three men took the credit. Rosalind Franklin has always been an outsider—brilliant, but different. Whether working at the laboratory she adored in Paris or toiling at a university in London, she feels closest to the science, those unchanging laws of physics and chemistry that guide her experiments. When she is assigned to work on DNA, she believes she can unearth its secrets. Rosalind knows if she just takes one more X-ray picture—one more after thousands—she can unlock the building blocks of life. Never again will she have to listen to her colleagues complain about her, especially Maurice Wilkins who'd rather conspire about genetics with James Watson and Francis Crick than work alongside her. Then it finally happens—the double helix structure of DNA reveals itself to her with perfect clarity. But what unfolds next, Rosalind could have never predicted. Marie Benedict's powerful new novel shines a light on a woman who sacrificed her life to discover the nature of our very DNA, a woman whose world-changing contributions were hidden by the men around her but whose relentless drive advanced our understanding of humankind.

Also By Marie Benedict: *The Other Einstein* *Carnegie's Maid* *The*

Only Woman in the Room Lady Clementine The Mystery of Mrs. Christie