

Headstrong 52 Women Who Changed Science And The World

#GRADBOSS is the ultimate grad school survival guide. #GRADBOSS includes worksheets, templates, workflows, and actionable advice from a millennial who got her PhD in Math and landed her dream job before graduation. A gradboss is a grad student who has figured out how to balance grad school and real life. They are productive but they also have a social life. In addition to killing it academically, they've built a supportive community around them AND they help others. Can you imagine being completely successful in grad school without being overwhelmed? #GRADBOSS walks you through: -preparing for a new semester of grad school -creating a productive weekly schedule -setting realistic goals -being productive despite having unstructured time -cultivating meaningful relationships -choosing an advisor -handling failure in grad school -having a life outside of grad school

Headstrong52 Women who Changed Science-- and the World

Discover a dazzling lost classic of nature writing and a visionary work of feminist empowerment - written almost a century ago by a twelve-year-old child... Eepersip is a girl with the wild in her heart. She does not want to live locked up behind the walls of a house. So she runs away - first to the Meadow, then to the Sea, and finally to the Mountain. Her heartbroken parents follow their daughter, trying to bring her home safe, but Eepersip has other ideas... Republished by Penguin with a new introduction and hand-inked illustrations by beloved artist Jackie Morris, *The House Without Windows* is a timeless fable about wildness, freedom and the redemptive power of the natural world. 'I can safely promise joy to any reader of *The House Without Windows*. Perfection' Eleanor Farjeon, winner of the Carnegie Medal and The Hans Christian Andersen Award 'Gloriously illuminated by Jackie Morris's moving art, this is a work of strange power for our own bewildered times' Nick Drake 'A classic, as miraculous and awe-inspiring as the author' Xinran, author of *The Good Women of China*

"A collection of profiles of some of history's most fascinating female scientists"--

Generations of children have fallen in love with the pioneer saga of the Ingalls family, of Pa and Ma, Laura and her sisters, and their loyal dog, Jack. Laura Ingalls Wilder's *Little House* books have taught millions of Americans about frontier life, giving inspiration to many and in the process becoming icons of our national identity. Yet few realize that this cherished bestselling series wandered far from the actual history of the Ingalls family and from what Laura herself understood to be central truths about pioneer life. In this groundbreaking narrative of literary detection, Christine Woodside reveals for the first time the full extent of the collaboration between Laura and her daughter, Rose Wilder Lane. Rose hated farming and fled the family homestead as an adolescent, eventually becoming a nationally prominent

magazine writer, biographer of Herbert Hoover, and successful novelist, who shared the political values of Ayn Rand and became mentor to Roger Lea MacBride, the second Libertarian presidential candidate. Drawing on original manuscripts and letters, Woodside shows how Rose reshaped her mother's story into a series of heroic tales that rebutted the policies of the New Deal. Their secret collaboration would lead in time to their estrangement. A fascinating look at the relationship between two strong-willed women, *Libertarians on the Prairie* is also the deconstruction of an American myth. Skyhorse Publishing, along with our Arcade, Good Books, Sports Publishing, and Yucca imprints, is proud to publish a broad range of biographies, autobiographies, and memoirs. Our list includes biographies on well-known historical figures like Benjamin Franklin, Nelson Mandela, and Alexander Graham Bell, as well as villains from history, such as Heinrich Himmler, John Wayne Gacy, and O. J. Simpson. We have also published survivor stories of World War II, memoirs about overcoming adversity, first-hand tales of adventure, and much more. While not every title we publish becomes a New York Times bestseller or a national bestseller, we are committed to books on subjects that are sometimes overlooked and to authors whose work might not otherwise find a home.

Name a famous scientist. Got one? Now name a famous physicist. Ok, now name a famous female physicist. Ok, now name a famous living female physicist. Stumped? In *Blazing the Trail: Essays by Leading Women in Science*, 35 highly successful physicists, engineers, and chemists share their personal histories, their passion for discovery, and their secrets for success with the next generation. Essayists candidly recount their experiences – both positive and negative – with an uplifting tone, focusing on lessons learned along the way. The combination of personal stories and advice sends a powerful message to all young women considering scientific careers: I did it, so can you. Here's how.

Shortlisted for the Duff Cooper Prize and the Marsh Biography Award The definitive biography of chemist Dorothy Crowfoot Hodgkin, the only British woman to win a Nobel prize in the sciences to date. Dorothy Crowfoot Hodgkin (1910–1994) was passionate in her quest to understand the molecules of the living body. She won the Nobel Prize for Chemistry in 1964 for her work on penicillin and Vitamin B12, and her study of insulin made her a pioneer in protein crystallography. Fully engaged with the political and social currents of her time, Hodgkin experienced radical change in women's education, the globalisation of science, relationships between East and West, and international initiatives for peace. Georgina Ferry's definitive biography of Britain's first female Nobel prizewinning scientist was shortlisted for the Duff Cooper Prize and the Marsh Biography Award. This revised and updated edition includes a new preface from the author.

The fascinating, little-known story of how two brilliant female physicists' groundbreaking discoveries led to the creation of the atomic bomb. In 1934, Irène Curie, working with her husband and fellow scientist, Frederic Joliot, made a discovery

that would change the world: artificial radioactivity. This breakthrough allowed scientists to modify elements and create new ones by altering the structure of atoms. Curie shared a Nobel Prize with her husband for their work. But when she was nominated to the French Academy of Sciences, the academy denied her admission and voted to disqualify all women from membership. Four years later, Curie's breakthrough led physicist Lise Meitner to a brilliant leap of understanding that unlocked the secret of nuclear fission. Meitner's unique insight was critical to the revolution in science that led to nuclear energy and the race to build the atom bomb, yet her achievement was left unrecognized by the Nobel committee in favor of that of her male colleague. *Radioactive!* presents the story of two women breaking ground in a male-dominated field, scientists still largely unknown despite their crucial contributions to cutting-edge research, in a nonfiction narrative that reads with the suspense of a thriller. Photographs and sidebars illuminate and clarify the science in the book.

Robert F. Sibert Medal winner *Bugs*, of all kinds, were considered to be "born of mud" and to be "beasts of the devil." Why would anyone, let alone a girl, want to study and observe them? One of the first naturalists to observe live insects directly, Maria Sibylla Merian was also one of the first to document the metamorphosis of the butterfly. In this visual nonfiction biography, richly illustrated throughout with full-color original paintings by Merian herself, the Newbery Honor-winning author Joyce Sidman paints her own picture of one of the first female entomologists and a woman who flouted convention in the pursuit of knowledge and her passion for insects. Booklist Editor's Choice Chicago Public Library Best of 2018 Kirkus Best book of 2018 2018 Bulletin Blue Ribbon Book Junior Library Guild Selection New York Public Library Top 10 Best Books of 2018

Collects 52 profiles of history's brightest female scientists and mathematicians. Original.

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 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.

Rachel Swaby and Kit Fox present *Mighty Moe*, the untold true story of runner Maureen Wilton, whose world record-breaking marathon time at age 13 was met first with misogyny and controversy, but ultimately with triumph. Fifty-two years ago, a girl known as *Mighty Moe* broke the

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women's world marathon record at a small race in Toronto. This was an era when girls and women were discouraged from the sport and the longest track event at the Olympics for women was 25.6 miles shorter than a marathon. Thirteen-year-old Moe's world-beating victory was greeted with chauvinistic disapproval and accusations of cheating—as were many of her achievements in the sport she had excelled at from the age of ten. Within less than two years, the controversy took its toll and Maureen quit running. Here is the untold story of Mighty Moe's tenacity and triumph in the face of adversity as a young athlete—and of a grown-up Maureen finding her way back to the sport decades later. This inspiring biography for readers and racers of all ages showcases the truly groundbreaking achievements of an unassuming, amazing young athlete. *Mighty Moe* includes an introduction by Kathrine Switzer, the first woman to officially register and run in the Boston Marathon (and Maureen's only fellow female competitor at the 1967 record-setting race), and an afterword by Des Linden, the first-place finisher of the 11,628 women who raced the 2018 Boston Marathon.

Through interviews with women scientists from a variety of disciplines, this book explores the world of scientific research, identifying the obstacles women have had to surmount and tracing their contributions to the demystification of scientific work

Humans domesticated dogs soon after Neanderthals began to disappear. This alliance between two predator species, Pat Shipman hypothesizes, made possible unprecedented success in hunting large Ice Age mammals—a distinct and ultimately decisive advantage for human invaders at a time when climate change made both humans and Neanderthals vulnerable.

Hypatia was a Greek mathematician, astronomer, and philosopher who invented the hydrometer in about 400 AD. Described as a charismatic teacher, she was seen as an evil symbol of the pagan science of learning and she was eventually murdered by Christian zealots. For many women in years gone by, the invention process was fraught with danger and difficulty. Not only did they face the hardship and obstacles of inventing, they also had to contend with the sexism and gender discrimination of a male world that believed women had nothing to contribute. Scientific women came to the fore with momentous innovations which were impossible for men to ignore. During World War Two, Austrian actress Hedy Lamarr became a pioneer in wireless communications, developing a “Secret Communications System.” More recently, 20-year-old Ann Makosinski has invented the ingenious Hollow Flashlight which converts radiant body heat into electricity. Meanwhile other women continued inventing in the domestic sphere with Miracle Mops, long-lasting lipsticks, and magic knickers. In every walk of twenty-first century life women have been challenging themselves (and men) to shape the way we live. Some of the incredible innovators featured include Myra Juliet Farrell, Sally Fox, Rosalind Franklin, Helen Murray, Anna Pavlova, Mária Telkes, Giuliana Tesoro, Halldis Aalvik Thune, Ann Tsukamoto, Margaret A. Wilcox, Ada Lovelace, and many more. The 150 remarkable women in this book show all too clearly that not only can invention no longer be described as a male dominated domain but that a woman's inspiration and ingenuity will probably be driving the life-changing ideas of tomorrow's world.

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, 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,

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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

The New York Times bestselling guide to thinking like literature's greatest detective. "Steven Pinker meets Sir Arthur Conan Doyle" (Boston Globe), by the author of *The Confidence Game*. No fictional character is more renowned for his powers of thought and observation than Sherlock Holmes. But is his extraordinary intellect merely a gift of fiction, or can we learn to cultivate these abilities ourselves, to improve our lives at work and at home? We can, says psychologist and journalist Maria Konnikova, and in *Mastermind* she shows us how. Beginning with the "brain attic"—Holmes's metaphor for how we store information and organize knowledge—Konnikova unpacks the mental strategies that lead to clearer thinking and deeper insights. Drawing on twenty-first-century neuroscience and psychology, *Mastermind* explores Holmes's unique methods of ever-present mindfulness, astute observation, and logical deduction. In doing so, it shows how each of us, with some self-awareness and a little practice, can employ these same methods to sharpen our perceptions, solve difficult problems, and enhance our creative powers. For Holmes aficionados and casual readers alike, Konnikova reveals how the world's most keen-eyed detective can serve as an unparalleled guide to upgrading the mind.

Girls Garage is the only book you'll ever need for a lifetime of tools and building. Not sure which screws to buy? Need to fix a running toilet? With *Girls Garage*, you'll have the expertise to tackle these problems with your own hands. Or maybe you want to get creative and build something totally new. A birdhouse? A bookshelf? *Girls Garage* has you covered. Packed with illustrations that will build confidence for your next hardware store run, practical advice on everything from quick fixes to safety tips, and inspiring stories from real-world builder girls and women, this eye-catching volume makes the technical accessible. This is the guide every girl needs to take her life into her own hands. Girls, get in touch with your inner badass, and get building

- Informative, inspiring, and designed for everyday use, this is the ultimate book of book of building and woodcraft for girls.
- A true confidence builder for girls interested in STEM, woodworking, and home improvement.
- Along with her design agency and *Girl's Garage*, Emily Pilloton has been featured on television shows and the documentary film *If You Build It*. *Girls Garage* will be both a trusted household resource and a wellspring of inspiration and encouragement in the vein of *Women in Science* and *Headstrong: 52 Women Who Changed Science and the World*.
- Nonfiction books for girls age 14 and up
- Woodcraft, home repair, kids building projects
- Inspiring Kids DIY for teens

Emily Pilloton is a designer, builder, educator, and founder of the nonprofit design agency *Project H Design* and *Girls Garage*. Her ideas have made their way to the TED stage, the *Colbert Report*, and the full-length documentary *If You Build It*. She is currently a lecturer in the College of Environmental Design at the University of California, Berkeley.

She lives in the San Francisco Bay Area.

An eye-opening exploration of how social statuses intersect to shape our identities and produce inequalities. In this fully edited and streamlined *Race, Gender, Sexuality, and Social Class: Dimensions of Inequality and Identity, Second Edition*, Susan Ferguson has carefully selected readings that open readers' eyes to the ways that social statuses shape our experiences and impact our life chances. The anthology represents many of the leading voices in the field and reflects the many approaches used by scholars and researchers to understand this important and evolving subject. The anthology is organized around broad topics (Identity, Power and Privilege, Social Institutions, etc.), rather than categories of difference (Race, Gender, Class, Sexuality) to underscore this fundamental insight: race, class, gender, and sexuality do not exist in isolation; they often intersect with one another to produce social inequalities and form the bases of our identities in society. Nine readings are new to this edition: Michael Polgar—on Jewish assimilation and culture in the U.S. Katherine Franke—on the 1940 Supreme Court case, *Suneri v. Cassagne*, concerning racial identity Carla Pfeffer—on transgender identity Michelle Alexander—on the New Jim Crow Richard Lachmann—on the decline of the U.S. as an economic and political power Abby Ferber—on privilege and “oppression blindness” Amada Hess—Why Women Aren't Welcome on the Internet Iris Marion Young—Five Faces of Oppression Ellis Cose—Rage of the Privileged “The choice of readings in *Race, Gender, Sexuality, and Social Class: Dimensions of Inequality and Identity* is better than my current text in terms of inequality and steps of closing the gaps.” – Dr. Deden Rukmana, Savannah State University “I really like how *Race, Gender, Sexuality, and Social Class: Dimensions of Inequality and Identity* deals with underlying concepts rather than difference by x, y, or z.” – Ana Villalobos, Brandeis University

Spanning the nineteenth and twentieth centuries, this fascinating history explores the lives and achievements of great women in science across the globe. *Ten Women Who Changed Science and the World* tells the stories of trailblazing women who made a historic impact on physics, biology, chemistry, astronomy, and medicine. Included in this volume are famous figures, such as two-time Nobel Prize winner Marie Curie, as well as individuals whose names will be new to many, though their breakthroughs were no less remarkable. These women overcame significant obstacles, discrimination, and personal tragedies in their pursuit of scientific advancement. They persevered in their research, whether creating life-saving drugs or expanding our knowledge of the cosmos. By daring to ask ‘How?’ and ‘Why?’, each of these women made a positive impact on the world we live in today. In this book, you will learn about: Astronomy Henrietta Leavitt (United States, 1868–1921) discovered the period-luminosity relationship for Cepheid variable stars, which enabled us to measure the size of our galaxy and the universe. Physics Lise Meitner (Austria, 1878–1968) fled Nazi Germany in 1938, taking with her the experimental results which showed that she and Otto Hahn had split the

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nucleus and discovered nuclear fission. Chien-Shiung Wu (United States, 1912–1997) demonstrated that the widely accepted 'law of parity', which stated that left-spinning and right-spinning subatomic particles would behave identically, was wrong. Chemistry Marie Curie (France, 1867–1934) became the only person in history to have won Nobel prizes in two different fields of science. Dorothy Crowfoot Hodgkin (United Kingdom, 1910–1994) won the Nobel Prize for Chemistry in 1964 and pioneered the X-ray study of large molecules of biochemical importance. Medicine Virginia Apgar (United States, 1909–1974) invented the Apgar score, used to quickly assess the health of newborn babies. Gertrude Elion (United States, 1918–1999) won the Nobel Prize for Physiology or Medicine in 1988 for her advances in drug development. Biology Rita Levi-Montalcini (Italy, 1909–2012) won the Nobel Prize for Physiology or Medicine in 1986 for her co-discovery in 1954 of Nerve Growth Factor (NGF). Elsie Widdowson (United Kingdom, 1906–2000) pioneered the science of nutrition and helped devise the World War II food-rationing program. Rachel Carson (United States, 1907–1964) forged the environmental movement, most famously with her influential book *Silent Spring*.

Looks at the history of African American women in science and includes a collection of interviews with notable black women 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.' - 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.

Stories of twenty-one courageous women from the 1800s to the present focused on finding cures, tending the sick and wounded, and healing with science and compassion. Readers meet groundbreakers such as Elizabeth Blackwell, the first woman to receive a medical degree in the United States; Mary Carson Breckinridge, the "nurse on horseback" who delivered babies in the Appalachian Mountains; and heart surgeon Kathy Magliato, one of the few women trained in heart

transplant surgeries. Packed with photos, informative sidebars, and including source notes and a bibliography, this collection is an invaluable addition to any reader's bookshelf.

From Freud to Babbitt, from Animal Farm to Sartre to the Great Society, from the Theory of Relativity to counterculture to Kosovo, *The Modern Mind* is encyclopedic, covering the major writers, artists, scientists, and philosophers who produced the ideas by which we live. Peter Watson has produced a fluent and engaging narrative of the intellectual tradition of the twentieth century, and the men and women who created it.

Bad Girls Throughout History: 100 Remarkable Women Who Changed the World delivers an empowering book for women and girls of all ages, featuring 100 women who made history and made their mark on the world, it's a best-selling book you can be proud to display in your home. The 100 revolutionary women highlighted in this gorgeously illustrated book were bad in the best sense of the word: they challenged the status quo and changed the rules for all who followed.

Explored in this history book, include: • Aphra Behn, first female professional writer. • Sojourner Truth, women's rights activist and abolitionist. • Ada Lovelace, first computer programmer. • Marie Curie, first woman to win the Nobel Prize. • Joan Jett, godmother of punk. From pirates to artists, warriors, daredevils, women in science, activists, and spies, the accomplishments of these incredible women who dared to push boundaries vary as much as the eras and places in which they effected change. Featuring bold watercolor portraits and illuminating essays by Ann Shen, *Bad Girls Throughout History* is a distinctive, gift-worthy tribute to rebel girls everywhere. A lovely gift for teen girls, stories to share with a young girl at bedtime, or a book to display on a coffee table, everyone will enjoy learning about and celebrating the accomplishments of these phenomenal women.

Since 1901 there have been over three hundred recipients of the Nobel Prize in the sciences. Only ten of them -- about 3 percent -- have been women. Why? In this updated version of *Nobel Prize Women in Science*, Sharon Bertsch McGrayne explores the reasons for this astonishing disparity by examining the lives and achievements of fifteen women scientists who either won a Nobel Prize or played a crucial role in a Nobel Prize - winning project. The book reveals the relentless discrimination these women faced both as students and as researchers. Their success was due to the fact that they were passionately in love with science. The book begins with Marie Curie, the first woman to win the Nobel Prize in physics. Readers are then introduced to Christiane Nusslein-Volhard, Emmy Noether, Lise Meitner, Barbara McClintock, Chien-Shiung Wu, and Rosalind Franklin. These and other remarkable women portrayed here struggled against gender discrimination, raised families, and became political and religious leaders. They were mountain climbers, musicians, seamstresses, and gourmet cooks. Above all, they were strong, joyful women in love with discovery. *Nobel Prize Women in Science* is a startling and revealing look into the history of science and the critical and inspiring role that women have

played in the drama of scientific progress.

"A collection of profiles of some of history's most fascinating female scientists."--

Nominated for the Cilip Carnegie & Kate Greenaway Children's Book Awards 2018. Kate Pankhurst, descendent of Emmeline Pankhurst, has created this wildly wonderful and accessible book about women who really changed the world. Discover fascinating facts about some of the most amazing women who changed the world we live in. Fly through the sky with the incredible explorer Amelia Earhart, and read all about the Wonderful Adventures of Mary Seacole with the number one best-selling children's non-fiction title in the UK market this year. Bursting full of beautiful illustrations and astounding facts, *Fantastically Great Women Who Changed the World* is the perfect introduction to just a few of the most incredible women who helped shaped the world we live in. List of women featured: Jane Austen, Gertrude Ederle, Coco Chanel, Frida Kahlo, Marie Curie, Mary Anning, Mary Seacole, Amelia Earhart, Agent Fifi, Sacagawa, Emmeline Pankhurst, Rosa Parks, Anne Frank

The true stories of the real nurses on the PBS show *Mercy Street* The nurses of the Civil War ushered in a new era for medicine in the midst of tremendous hardship. While the country was at war, these women not only learned to advocate and care for patients in hostile settings, saved countless lives, and changed the profession forever, they regularly fell ill with no one to nurse them in return, seethed in anger at the indifference and inefficiency that left wounded men on the battlefield without care, and all too often mourned for those they could not rescue. *Heroines of Mercy Street* tells the true stories of the nurses at Mansion House, the Alexandria, Virginia, hotel turned wartime hospital and setting for the PBS show *Mercy Street*. Women like Dorothea Dix, Mary Phinney, Anne Reading, and more rushed to be of service to their country during the war, meeting challenges that would discourage less determined souls every step of the way. They saw casualties on a scale Americans had never seen before; diseases like typhoid and dysentery were rampant; and working conditions--both physically and emotionally--were abysmal. Drawing on the diaries, letters, and books written by these nursing pioneers, Pamela D. Toler, PhD, has written a fascinating portrait of true heroines, shining a light on their personal contributions during one of our country's most turbulent periods.

Much has been written about the vast scientific importance of space exploration, but very little about the human side of being a member of an astronaut crew. In this book, with the help of journalist Susan Okie, Sally Ride shares the personal experience of traveling into space. America's first woman astronaut answers questions most frequently asked about a journey through space.

This book tells the story of a professional problem-solving group that for more than 25 years has empowered its members by providing practical and emotional support. The objective of "Group," as Ellen Daniell and six other members

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call their bimonthly gatherings, is cooperation in a competitive world. And the objective of "Every Other Thursday" is to encourage those who feel isolated or stressed in a work or academic setting to consider the benefits of such a group--a group in which everyone is on your side. Each of the high-achieving individuals in Group (including members of the National Academy of Sciences, a senior scientist at a prestigious research institute, and university professors and administrators) has found the support of the others to be an essential part of her own success. Daniell provides detailed examples of how members help one another navigate career setbacks or other difficulties. She shows that group support, discussion, and application of common experience bring to light practical solutions and broader perspectives. In an inspirational conclusion, the author offers advice and practical guidelines for those who would like to establish a group of their own.

For centuries, women have risen above their traditional roles to pursue new understanding of the natural world. This book, which grows out of an exhibit at the Grolier Club in New York, introduces the lives, sayings, and dreams of sixteen women over four centuries and chronicles their contributions to mathematics, physics, chemistry, astronomy, computer science, and medicine.

The groundbreaking New York Times bestseller, *Women in Science* by Rachel Ignotofsky, comes to the youngest readers in board format! Highlighting notable women's contributions to STEM, this board book edition features simpler text and Rachel Ignotofsky's signature beautiful illustrations to give young girls the perfect role models to grow up with while inspiring a love of science. The collection includes diverse women across various scientific fields, time periods, and geographic location. The perfect gift for every curious little girl!

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 taken 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.

Create a personal "power grid" of influence to spark professional and personal success "Other people have the answers, deals, money, access, power, and influence you need to get what you want in this world. To achieve any goal, you need other people to help you do it." -- JUDY ROBINETT As anyone in business knows, strategic planning is critical to achieving long-term success. In *How to Be a Power Connector*, super-networker Judy Robinett argues that strategic relationship planning should be your top priority. When you combine your specific skills and talents with a clear, workable path for creating and managing your relationships, nothing will stop you from meeting your goals. With high-value connections, you'll tap into a dynamic "power grid" of influence guaranteed to accelerate your personal and professional success. Robinett uses her decades of experience connecting the world's highest achievers with one another to help you build high-value relationships. She reveals all the secrets of her trade, including proven ways to: Find and enter the best network "ecosystem" to meet your goals Reach even the most unreachable people quickly and effectively Get anyone's contact information within 30 seconds Create a "3-D connection" that adds value to multiple people at the same time Access key influencers through industry and community events Subtly seed conversation with information about interests and needs Use social media to your best advantage Robinett has based her methods on solid research proving that social groups begin to break up when they become larger than 150 people, and that 50 members is the optimal size for group communication. As such, she has developed what she calls the "5+50+100" method: contact your top 5 connections daily, your Key 50 weekly, and your Vital 100 monthly. this is your power grid, and it will work wonders for your career. Nothing will stop you when you learn *How to Be a Power Connector*. PRAISE FOR HOW TO BE A POWER CONNECTOR: "Unlike many books in this genre, this one is written by a woman who has lived it. . . . Judy Robinett offers guidance on how to form authentic relationships that bring mutual benefits." -- ADAM GRANT, Wharton professor and New York Times bestselling author of *Give and Take* "How to Be a Power Connector is like an MBA in networking: an advanced course in finding and developing quality relationships with the people who can make the biggest difference in your professional success." -- IVAN MISNER, founder and chairman of BNI "Talk about power! Follow Judy Robinett's logical, straightforward, and helpfully detailed advice, and you can be a 'Power Connector' yourself! Great ideas, well presented, with no 'wasted space' in her argument!" -- DON PEPPERS, coauthor of *Extreme Trust: Honesty as a Competitive Advantage* "Absolutely brilliant. A step-by-step guide to building a network that will be both invaluable to you and just as valuable to those whose lives you will now have the opportunity to touch. I can't imagine a more powerful book for one who truly desires to be a Power Connector." -- BOB BURG, coauthor of *The Go-Giver* and author of

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Adversaries into Allies "In the C-Suite or in your personal life everything comes down to the quality of your relationships. Judy's book helps you attract and maintain the relationships that will get you what you want most. Be a super connector now!" -- JEFFREY HAYZLETT, TV host and bestselling author of Running the Gauntlet

"Discover fun facts about the greatest scientists from history through Basher's fresh and unique illustration style. Did you know that Marie Curie used to keep radioactive materials in her pockets? Or that Mendeleev literally dreamed up his famous periodic table? Superstars of Science tells the stories behind the big ideas in the fields of physics, chemistry, medicine, mathematics, cosmology, earth sciences, and engineering. Read about 40 great scientists including Newton and Einstein who produced theories that explained the way in which the Universe works, Crick and Watson who uncovered the structure of DNA, and Alexander Graham Bell who had the big idea that became the telephone. Each one of these greats of science has had some vital flash of insight that has changed the way we see the world and the way we live. Come meet the superstars of science!" --

Traces the life of John James Audubon, his efforts to record the wild birds of North America, and his fifteen-year struggle against a conventional scientific establishment to find a publisher for his masterwork, "The Birds of America."

First published more than three decades ago, this reissue of Rachel Carson's award-winning classic brings her unique vision to a new generation of readers. Stunning new photographs by Nick Kelsh beautifully complement Carson's intimate account of adventures with her young nephew, Roger, as they enjoy walks along the rocky coast of Maine and through dense forests and open fields, observing wildlife, strange plants, moonlight and storm clouds, and listening to the "living music" of insects in the underbrush. "If a child is to keep alive his inborn sense of wonder." Writes Carson, "he needs the companionship of at least one adult who can share it, rediscovering with him the joy, excitement and mystery of the world we live in." The Sense of Wonder is a refreshing antidote to indifference and a guide to capturing the simple power of discovery that Carson views as essential to life. In her insightful new introduction, Linda Lear remembers Rachel Carson's groundbreaking achievements in the context of the legendary environmentalist's personal commitment to introducing young and old to the miracles of nature. Kelsh's lush photographs inspire sensual, tactile reactions: masses of leaves floating in a puddle are just waiting to be scooped up and examined more closely. An image of a narrow path through the trees evokes the earthy scent of the woods after a summer rain. Close-ups of mosses and miniature lichen fantasy-lands will spark innocent as well as more jaded imaginations. Like a curious child studying things underfoot and within reach, Kelsh's camera is drawn to patterns in nature that too often elude hurried adults' a stand of beech trees in the springtime, patches of melting snow and the ripples from a pebble tossed into a slow-moving stream. The Sense of Wonder is a timeless volume that will be passed on from children to grandchildren, as treasured as the memory of an early-morning walk when the song of a whippoorwill was heard as if for the first time.

Examines how the biologist and reformer helped to raise awareness of the natural world, the importance of conservation, and the dangers of synthetic pesticides.

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