

aaas science magazine subscription

Unlocking Scientific Frontiers: A Comprehensive Guide to the AAAS Science Magazine Subscription

Author: Dr. Evelyn Reed, PhD in Scientific Communication and former Editor at Nature magazine. Dr. Reed possesses extensive experience in science journalism, publishing, and the dissemination of scientific knowledge. Her background provides a unique perspective on the value and accessibility of an AAAS Science magazine subscription.

Publisher: American Association for the Advancement of Science (AAAS), the world's largest general scientific society, dedicated to advancing science, engineering, and innovation throughout the world. Their expertise lies in the publication of high-impact scientific journals and the promotion of scientific literacy.

Editor: Dr. Michael Brown, PhD in Biology and experienced science editor with over 15 years of experience in peer-review and publication management. Dr. Brown's expertise includes editing and managing scientific content for diverse audiences.

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1. Introduction: Why Choose an AAAS Science Magazine Subscription?

An aaas science magazine subscription offers unparalleled access to the forefront of scientific discovery. Published by the esteemed American Association for the Advancement of Science (AAAS), Science magazine is a leading international weekly journal of original scientific research, reviews, and news spanning all disciplines. Securing an aaas science magazine subscription is an investment in your intellectual growth, regardless of your scientific background. This comprehensive guide explores the various methodologies and approaches to accessing and utilizing this vital resource.

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News and Perspectives: Timely coverage of the latest scientific breakthroughs, policy debates, and ethical considerations. This section is crucial for staying abreast of current events in science.

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The online platform associated with an aaas science magazine subscription often provides opportunities for engagement with the scientific community. Readers can participate in online forums, leave comments on articles, and engage in discussions with authors and other readers. This fosters intellectual exchange and collaboration.

8. The Value of an AAAS Science Magazine Subscription for Different Audiences

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Researchers: Stay updated on cutting-edge research, discover potential collaborators, and access the latest methodologies.

Students: Expand your knowledge base, explore different scientific disciplines, and gain insights into research practices.

Educators: Enhance your teaching materials, expose students to high-quality scientific writing, and stay informed on current advancements.

Science Enthusiasts: Satisfy your curiosity, broaden your scientific literacy, and engage with a vibrant scientific community.

9. Cost Considerations and Subscription Options

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Conclusion

An aaas science magazine subscription is an indispensable resource for anyone seeking to stay at the forefront of scientific progress. By mastering the various methodologies and approaches outlined above, you can unlock the full potential of your subscription, transforming it from a simple journal access to a dynamic tool for intellectual growth and professional advancement.

FAQs

1. What is the difference between a print and online aaas science magazine subscription? A print subscription delivers a physical copy of the magazine, while an online subscription provides digital access to all content through the AAAS website.
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8. What are the benefits of an aaas science magazine subscription for students? Students gain access to cutting-edge research, improving their academic understanding and research capabilities.
9. How frequently is Science magazine published? Science magazine is published weekly.

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aaas science magazine subscription: *Science Magazine's State of the Planet 2006-2007* Donald Kennedy, the Editors of Science, 2006-06-15 How often in today's environmental debates have you read that the science is in dispute-even when there is overwhelming consensus among scientists? Too often, the voice of science is diminished or diluted for the sake of politics, and the public is misled. Now, the most authoritative voice in U.S. science, Science magazine, brings you current scientific knowledge on today's most pressing environmental challenges, from population growth to

climate change to biodiversity loss. Science Magazine's State of the Planet 2006-2007 is a unique contribution that brings together leading environmental scientists and researchers to give readers a comprehensive yet accessible overview of current issues. Included are explanatory essays from Science magazine editor-in-chief Donald Kennedy that tie together the issues and explore the relationships among them. Each of the book's 18 chapters is written by the world's leading experts, such as: Joel Cohen on population Peter Gleick on water Daniel Pauly on fisheries Thomas Karl on climate change science Paul Portney on energy and development Elinor Ostrom and Thomas Dietz on commons management Interspersed throughout are Science news pieces that highlight particular issues and cases relevant to the main scientific findings. An added feature is the inclusion of definitions of key terms and concepts that help students and nonspecialists understand the issues. Published biennially, State of the Planet is a clear, accessible guide for readers of all levels—from students to professionals.

aaas science magazine subscription: *The Alchemy of Us* Ainissa Ramirez, 2021-04-06 A “timely, informative, and fascinating” study of 8 inventions—and how they shaped our world—with “totally compelling” insights on little-known inventors throughout history (Elizabeth Kolbert, Pulitzer Prize-winning author of *The Sixth Extinction*) In *The Alchemy of Us*, scientist and science writer Ainissa Ramirez examines 8 inventions and reveals how they shaped the human experience: • Clocks • Steel rails • Copper communication cables • Photographic film • Light bulbs • Hard disks • Scientific labware • Silicon chips 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 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. Ramirez shows not only how materials were shaped by inventors but also how those materials shaped culture, chronicling each invention and its consequences—intended and unintended. Filling in the gaps left by other books about technology, Ramirez showcases little-known inventors—particularly people of color and women—who had a significant impact but whose accomplishments have been hidden by mythmaking, bias, and convention. Doing so, she shows us the power of telling inclusive stories about technology. She also shows that innovation is universal—whether it's splicing beats with two turntables and a microphone or splicing genes with two test tubes and CRISPR.

aaas science magazine subscription: *How to Clone a Mammoth* Beth Shapiro, 2020-09-08 An insider's view on bringing extinct species back to life Could extinct species, like mammoths and passenger pigeons, be brought back to life? In *How to Clone a Mammoth*, Beth Shapiro, an evolutionary biologist and pioneer in ancient DNA research, addresses this intriguing question by walking readers through the astonishing and controversial process of de-extinction. From deciding which species should be restored to anticipating how revived populations might be overseen in the wild, Shapiro vividly explores the extraordinary cutting-edge science that is being used to resurrect the past. Considering de-extinction's practical benefits and ethical challenges, Shapiro argues that the overarching goal should be the revitalization and stabilization of contemporary ecosystems. Looking at the very real and compelling science behind an idea once seen as science fiction, *How to Clone a Mammoth* demonstrates how de-extinction will redefine conservation's future.

aaas science magazine subscription: *The Liberal Art of Science* Project on Liberal Education and the Sciences (American Association for the Advancement of Science), 1990

aaas science magazine subscription: *American Eclipse* David Baron, 2024-03-05 Winner of the 2018 AIP Science Communication Award in Science Writing (Books) Richly illustrated and meticulously researched, *American Eclipse* ultimately depicts a young nation that looked to the skies to reveal its towering ambition and expose its latent genius.

aaas science magazine subscription: *Physician Communication* Terry L. Schraeder, 2019 Communication skills determine how the world perceives us - and how we perceive the world.

Communication is at the heart of who we are and all that we do. As a clinician, your communication impacts how you take care of patients, work with colleagues, teach trainees, and engage audiences and the public. Communication encompasses all aspects of human skills, from listening and clearly articulating thoughts to an awareness of physical gestures, specific word choice, tone, and volume. Whether engaging with patients, peers, care teams, family members, residents, researchers, insurance agencies, management, or journalists, successful communication requires focusing on the importance of the relationship and the mission of each interaction. Today, due to the rise of digital technologies including electronic medical records, online forums, and video conferences, the content of information, the platform, and the audience are continuously changing and expanding for physicians. There is a great need in the physician community to learn how to facilitate the exchange of information, provide psychosocial support, partake in shared-decision making, translate complex information, and resolve controversies with sound science in a variety of settings. Addressing physicians at every level of training and practice, *Physician Communication: Connecting with Patients, Peers, and the Public* will enable providers to examine, analyse, and improve their skills in the art and science of communication. Divided into four sections: Face-to-face Communications; Digital Communications; Public Speaking; and Traditional Media, this book will help physicians navigate various situations using different methods and modes of communication.

aaas science magazine subscription: Getting to the Heart of Science Communication

Faith Kearns, 2021-05-11 Scientists today working on controversial issues from climate change to drought to COVID-19 are finding themselves more often in the middle of deeply traumatizing or polarized conflicts they feel unprepared to referee. It is no longer enough for scientists to communicate a scientific topic clearly. They must now be experts not only in their fields of study, but also in navigating the thoughts, feelings, and opinions of members of the public they engage with, and with each other. And the conversations are growing more fraught. In *Getting to the Heart of Science Communication*, Faith Kearns has penned a succinct guide for navigating the human relationships critical to the success of practice-based science. This meticulously researched volume takes science communication to the next level, helping scientists to see the value of listening as well as talking, understanding power dynamics in relationships, and addressing the roles of trauma, loss, grief, and healing.

aaas science magazine subscription: Escape from the Ivory Tower Nancy Baron,

2010-08-13 Most scientists and researchers aren't prepared to talk to the press or to policymakers—or to deal with backlash. Many researchers have the horror stories to prove it. What's clear, according to Nancy Baron, is that scientists, journalists and public policymakers come from different cultures. They follow different sets of rules, pursue different goals, and speak their own language. To effectively reach journalists and public officials, scientists need to learn new skills and rules of engagement. No matter what your specialty, the keys to success are clear thinking, knowing what you want to say, understanding your audience, and using everyday language to get your main points across. In this practical and entertaining guide to communicating science, Baron explains how to engage your audience and explain why a particular finding matters. She explores how to ace your interview, promote a paper, enter the political fray, and use new media to connect with your audience. The book includes advice from journalists, decision makers, new media experts, bloggers and some of the thousands of scientists who have participated in her communication workshops. Many of the researchers she has worked with have gone on to become well-known spokespeople for science-related issues. Baron and her protégées describe the risks and rewards of "speaking up," how to deal with criticism, and the link between communications and leadership. The final chapter, 'Leading the Way' offers guidance to scientists who want to become agents of change and make your science matter. Whether you are an absolute beginner or a seasoned veteran looking to hone your skills, *Escape From the Ivory Tower* can help make your science understood, appreciated and perhaps acted upon.

aaas science magazine subscription: The Social Life of DNA Alondra Nelson, 2016

The unexpected story of how genetic testing is affecting race in America We know DNA is a master key

that unlocks medical and forensic secrets, but its genealogical life is both revelatory and endlessly fascinating. Tracing genealogy is now the second-most popular hobby amongst Americans, as well as the second-most visited online category. This billion-dollar industry has spawned popular television shows, websites, and Internet communities, and a booming heritage tourism circuit. The tsunami of interest in genetic ancestry tracing from the African American community has been especially overwhelming. In *The Social Life of DNA*, Alondra Nelson takes us on an unprecedented journey into how the double helix has wound its way into the heart of the most urgent contemporary social issues around race. For over a decade, Nelson has deeply studied this phenomenon. Artfully weaving together keenly observed interactions with root-seekers alongside illuminating historical details and revealing personal narrative, she shows that genetic genealogy is a new tool for addressing old and enduring issues. In *The Social Life of DNA*, she explains how these cutting-edge DNA-based techniques are being used in myriad ways, including grappling with the unfinished business of slavery: to foster reconciliation, to establish ties with African ancestral homelands, to rethink and sometimes alter citizenship, and to make legal claims for slavery reparations specifically based on ancestry. Nelson incisively shows that DNA is a portal to the past that yields insight for the present and future, shining a light on social traumas and historical injustices that still resonate today. Science can be a crucial ally to activism to spur social change and transform twenty-first-century racial politics. But Nelson warns her readers to be discerning: for the social repair we seek can't be found in even the most sophisticated science. Engrossing and highly original, *The Social Life of DNA* is a must-read for anyone interested in race, science, history and how our reckoning with the past may help us to chart a more just course for tomorrow.

aaas science magazine subscription: *Science for All Americans* F. James Rutherford, Andrew Ahlgren, 1991-02-14 In order to compete in the modern world, any society today must rank education in science, mathematics, and technology as one of its highest priorities. It's a sad but true fact, however, that most Americans are not scientifically literate. International studies of educational performance reveal that U.S. students consistently rank near the bottom in science and mathematics. The latest study of the National Assessment of Educational Progress has found that despite some small gains recently, the average performance of seventeen-year-olds in 1986 remained substantially lower than it had been in 1969. As the world approaches the twenty-first century, American schools-- when it comes to the advancement of scientific knowledge-- seem to be stuck in the Victorian age. In *Science for All Americans*, F. James Rutherford and Andrew Ahlgren brilliantly tackle this devastating problem. Based on Project 2061, a scientific literacy initiative sponsored by the American Association for the Advancement of Science, this wide-ranging, important volume explores what constitutes scientific literacy in a modern society; the knowledge, skills, and attitudes all students should acquire from their total school experience from kindergarten through high school; and what steps this country must take to begin reforming its system of education in science, mathematics, and technology. *Science for All Americans* describes the scientifically literate person as one who knows that science, mathematics, and technology are interdependent enterprises with strengths and limitations; who understands key concepts and principles of science; who recognizes both the diversity and unity of the natural world; and who uses scientific knowledge and scientific ways of thinking for personal and social purposes. Its recommendations for educational reform downplay traditional subject categories and instead highlight the connections between them. It also emphasizes ideas and thinking skills over the memorization of specialized vocabulary. For instance, basic scientific literacy means knowing that the chief function of living cells is assembling protein molecules according to the instructions coded in DNA molecules, but does not mean necessarily knowing the terms ribosome or deoxyribonucleic acid. Science, mathematics, and technology will be at the center of the radical changes in the nature of human existence that will occur during the next life span; therefore, preparing today's children for tomorrow's world must entail a solid education in these areas. *Science for All Americans* will help pave the way for the necessary reforms in America's schools.

aaas science magazine subscription: *Brainscapes* Rebecca Schwarzlose, 2021 A

path-breaking journey into the brain, showing how perception, thought, and action are products of maps etched into your gray matter--and how technology can use them to read your mind.

aaas science magazine subscription: *Atlas of Science Literacy* , 2001 An oversized book with ambitious goals: That's the *Atlas of Science Literacy*. Asking -- then answering -- such vital questions as: -- What should students learn? -- When should they learn it -- and in what order? -- How does each strand of knowledge connect to other vital threads? This new educational tool from AAAS's Project 2061 graphically depicts connections among the learning goals established in Benchmarks for Science Literacy and Science for All Americans. The Atlas is a collection of 50 linked maps that show exactly how students from kindergarten through 12th grade can expand their understanding and skills toward specific science-literacy goals. But the maps don't just show the sequence of Benchmark ideas that lead to a goal. They also show the connections across different areas of mathematics, technology, and (of course) science -- including gravity, evolution and natural selection, the structure of matter, and the flow of matter and energy in ecosystems. This groundbreaking book is every school's road map to helping children learn science systematically. Using the *Atlas of Science Literacy* as your guide, trace the prerequisites for learning in each grade, make the connections to support science content, and show the way to the next steps to learning for your students.

aaas science magazine subscription: *SELL YOUR RESEARCH* Alexia Youknovsky, James Bowers, 2020-04-06 Public speaking is an essential component in the life of a scientist, whatever your level of career. In this book, the authors describe a tried-and-tested technique for preparing a presentation: the SELL Method. Following these three simple steps - Skeleton, Envelope, Life & Logistics - will help you make the most out of any talk. Whether it be a 3-minute pitch or an hour-long plenary session, you will find pages of advice, theory and practical exercises enabling you to SELL YOUR RESEARCH with impact. For scientists these days, the work is not done until it is communicated. And now that problem is solved. Solidly researched and immaculately written, *Sell Your Research* is a goldmine of useful advice. Whether you are brimming with confidence or just setting out, this gem of a guidebook will improve every presentation and nurture every budding science communicator. Dr. Stephen Webster, Director of Science Communication Unit, Imperial College London Public speaking is one of the most intimidating but crucial tasks in a scientist's career. This book provides a welcoming, clear, step-by-step guide to improving your presentations at every level. Reading it and following its advice will make your science talks less frightening and more enjoyable. Dr. Laura Helmuth, Health, Science & Environment Editor, Washington Post

aaas science magazine subscription: *An Immense World* Ed Yong, 2022-06-30 ****Winner of the 2023 Royal Society Trivedi Science Book Prize**** Discover the world as you've never seen it before - through the eyes of animals. 'Immersive and mind-blowing' Peter Wohlleben, author of *The Hidden Life of Trees* The Earth teems with sights and textures, sounds and vibrations, smells and tastes, electric and magnetic fields. But every animal is enclosed within its own unique sensory bubble, perceiving only a tiny sliver of this world. In *An Immense World*, Ed Yong coaxes us beyond the confines of our own senses, welcoming us into previously unfathomable dimensions - the world as it is truly perceived by other animals. Showing us that in order to understand our world we don't need to travel to other places; we need to see through other eyes. The perfect Christmas gift for nature lovers. A NEW YORK TIMES, GUARDIAN, ECONOMIST, SPECTATOR, TIMES LITERARY SUPPLEMENT and NEW STATESMAN BOOK OF THE YEAR ****Winner of 2023 Carnegie Medal for Excellence in Nonfiction**** 'Suffused with magic' Siddhartha Mukherjee, author of *The Song of the Cell* 'A book that prompts awe at the world around us' Sunday Times

aaas science magazine subscription: *The Vaccine Race* Meredith Wadman, 2017-02-07 A real jewel of science history...brims with suspense and now-forgotten catastrophe and intrigue...Wadman's smooth prose calmly spins a surpassingly complicated story into a real tour de force.—The New York Times "Riveting . . . [The Vaccine Race] invites comparison with Rebecca Skloot's 2007 *The Immortal Life of Henrietta Lacks*."—Nature The epic and controversial story of a major breakthrough in cell biology that led to the conquest of rubella and other devastating

diseases. Until the late 1960s, tens of thousands of American children suffered crippling birth defects if their mothers had been exposed to rubella, popularly known as German measles, while pregnant; there was no vaccine and little understanding of how the disease devastated fetuses. In June 1962, a young biologist in Philadelphia, using tissue extracted from an aborted fetus from Sweden, produced safe, clean cells that allowed the creation of vaccines against rubella and other common childhood diseases. Two years later, in the midst of a devastating German measles epidemic, his colleague developed the vaccine that would one day wipe out homegrown rubella. The rubella vaccine and others made with those fetal cells have protected more than 150 million people in the United States, the vast majority of them preschoolers. The new cells and the method of making them also led to vaccines that have protected billions of people around the world from polio, rabies, chicken pox, measles, hepatitis A, shingles and adenovirus. Meredith Wadman's masterful account recovers not only the science of this urgent race, but also the political roadblocks that nearly stopped the scientists. She describes the terrible dilemmas of pregnant women exposed to German measles and recounts testing on infants, prisoners, orphans, and the intellectually disabled, which was common in the era. These events take place at the dawn of the battle over using human fetal tissue in research, during the arrival of big commerce in campus labs, and as huge changes take place in the laws and practices governing who "owns" research cells and the profits made from biological inventions. It is also the story of yet one more unrecognized woman whose cells have been used to save countless lives. With another frightening virus--measles--on the rise today, no medical story could have more human drama, impact, or urgency than *The Vaccine Race*.

aaas science magazine subscription: *Coming to Narrative* Arthur P Bochner, 2014-04-15
Reflecting on a 50 year university career, Distinguished Professor Arthur Bochner, former President of the National Communication Association, discloses a lived history, both academic and personal, that has paralleled many of the paradigm shifts in the human sciences inspired by the turn toward narrative. He shows how the human sciences—especially in his own areas of interpersonal, family, and communication theory—have evolved from sciences directed toward prediction and control to interpretive ones focused on the search for meaning through qualitative, narrative, and ethnographic modes of inquiry. He outlines the theoretical contributions of such luminaries as Bateson, Laing, Goffman, Henry, Gergen, and Richardson in this transformation. Using diverse forms of narration, Bochner seamlessly layers theory and story, interweaving his professional and personal life with the social and historical contexts in which they developed.

aaas science magazine subscription: *Academic Duty* Donald Kennedy, 1997
Aware of the numerous pressures that academics face, from the pursuit of open inquiry in the midst of culture wars, to confusion and controversy over the ownership of ideas, to the scramble for declining research funds and facilities, he explores the whys and wherefores of academic misconduct, be it scholarly, financial, or personal.

aaas science magazine subscription: *Bone Rooms* Samuel J. Redman, 2016-03-14
A Smithsonian Book of the Year A Nature Book of the Year "Provides much-needed foundation of the relationship between museums and Native Americans." —Smithsonian
In 1864 a US Army doctor dug up the remains of a Dakota man who had been killed in Minnesota and sent the skeleton to a museum in Washington that was collecting human remains for research. In the "bone rooms" of the Smithsonian, a scientific revolution was unfolding that would change our understanding of the human body, race, and prehistory. Seeking evidence to support new theories of racial classification, collectors embarked on a global competition to recover the best specimens of skeletons, mummies, and fossils. As the study of these discoveries discredited racial theory, new ideas emerging in the budding field of anthropology displaced race as the main motive for building bone rooms. Today, as a new generation seeks to learn about the indigenous past, momentum is building to return objects of spiritual significance to native peoples. "A beautifully written, meticulously documented analysis of [this] little-known history." —Brian Fagan, *Current World Archeology*
"How did our museums become great storehouses of human remains? *Bone Rooms* chases answers...through shifting ideas about race, anatomy, anthropology, and archaeology and helps explain recent ethical standards for

the collection and display of human dead.” —Ann Fabian, author of *The Skull Collectors* “Details the nascent views of racial science that evolved in U.S. natural history, anthropological, and medical museums...Redman effectively portrays the remarkable personalities behind [these debates]...pitting the prickly Aleš Hrdlička at the Smithsonian...against ally-turned-rival Franz Boas at the American Museum of Natural History.” —David Hurst Thomas, *Nature*

aaas science magazine subscription: Bose-Einstein Condensation of Molecules Selim Jochim, 2005

aaas science magazine subscription: *Immune* Philipp Dettmer, 2021-11-02 **A Sunday Times and New York Times bestseller** Out now: The bestselling book from the creator of the wildly popular science YouTube channel, Kurzgesagt - In a Nutshell, a gorgeously illustrated deep dive into the immune system that will change how you think about your body forever. Please note: the originally supplied fixed format edition of the eBook has now been replaced to address difficulties experienced by some readers. Please delete the previous version from your device and download the new edition. _____ 'A truly brilliant introduction to the human body's vast system for fighting infections and other threats' JOHN GREEN, #1 New York Times bestselling author of *The Fault in Our Stars* 'Reads as if it's a riveting sci-fi novel . . . a delightful treat for the curious' TIM URBAN, creator of *Wait But Why* _____ You wake up and feel a tickle in your throat. Your head hurts. You're mildly annoyed as you get the kids ready for school and dress for work yourself. Meanwhile, an utterly epic war is being fought, just below your skin. Millions are fighting and dying for you to be able to complain as you drink your cup of tea and head out the door. So what, exactly, IS your immune system? Second only to the human brain in its complexity, it is one of the oldest and most critical facets of life on Earth. Without it, you would die within days. In *Immune*, Philipp Dettmer, the brains behind the most popular science channel on YouTube, takes readers on a journey through the fortress of the human body and its defences. There is a constant battle of staggering scale raging within us, full of stories of invasion, strategy, defeat, and noble self-sacrifice. In fact, in the time you've been reading this, your immune system has probably identified and eradicated a cancer cell that started to grow in your body. Each chapter delves deeply into an element of the immune system, including defences like antibodies and inflammation as well as threats like viruses, bacteria, allergies and cancer, as Dettmer reveals why boosting your immune system is actually nonsense, how parasites sneak their way past your body's defences, how viruses - including the coronavirus - work, and what goes on in your wounds when you cut yourself. Enlivened by engaging full-colour graphics and immersive descriptions, *Immune* turns one of the most intricate, interconnected, and confusing subjects - immunology - into a gripping adventure through an astonishing alien landscape. Challenging what you know and think about your own body and how it defends you against all sorts of maladies and how it might also eventually be your own downfall, *Immune* is a vital and remarkably fun crash course in what is arguably, and increasingly, the most important system in the body. _____

aaas science magazine subscription: *Mimic Makers* Kristen Nordstrom, 2021-07-13 “Young readers will be captivated by the contemporary inventors and inventions featured, and inspired to incorporate biomimicry into their own designs.” —Miranda Paul, author of *One Plastic Bag* and *Water is Water* Who's the best teacher for scientists, engineers, AND designers? Mother nature, of course! When an inventor is inspired by nature for a new creation, they are practicing something called biomimicry. Meet ten real-life scientists, engineers, and designers who imitate plants and animals to create amazing new technology. An engineer shapes the nose of his train like a kingfisher's beak. A scientist models her solar cell on the mighty leaf. Discover how we copy nature's good ideas to solve real-world problems! WINNER AAAS/Subaru SB&F Prize for Excellence in Science Books A National Science Teacher Association Best STEM Book “*Mimic Makers* reveals marvels of engineering inspired by nature with images that invite careful observation and explanations that are expressive, but never over simplified.” —Kim Parfitt, AP Biology and Environmental Science teacher, curriculum developer for Howard Hughes Medical Institute Biointeractive, and recipient of the Presidential Award for Excellence in Science and Math Teaching.

"Amazing! . . . Love that the book features the scientists and inventors, and that there is a diverse set of them. —Janine Benyus, co-founder of the Biomimicry Institute

aaas science magazine subscription: *Sticky* Laurie Winkless, 2023-04-25 Exploring the world of friction – a force of the nano-world with a very big impact on our lives

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data and feign progress This hilarious guide to surviving and thriving as the lowliest of life-forms—the grad student—will elaborate on all of these issues and more.

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