

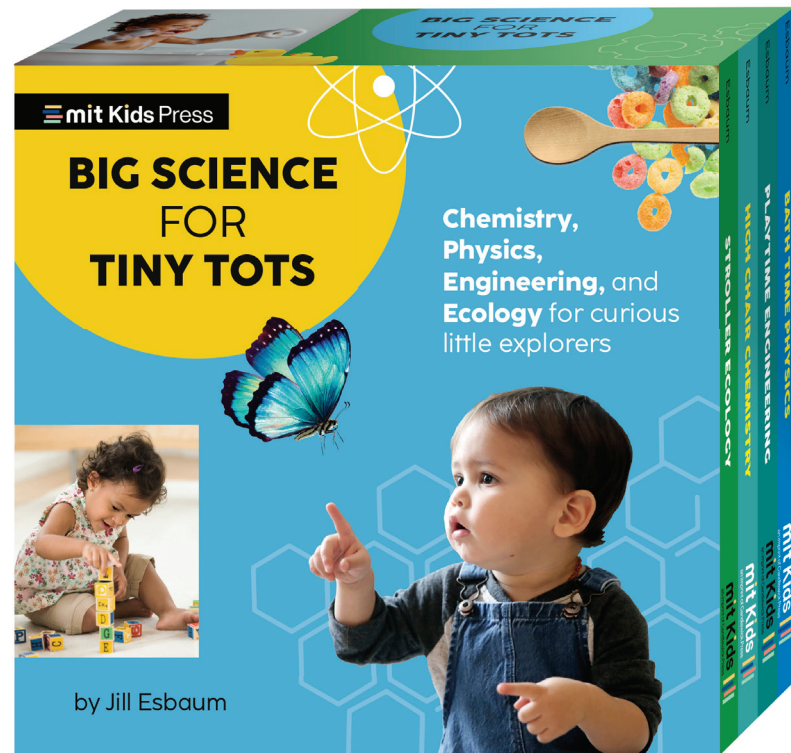
UPCOMING AND AVAILABLE TITLES



 **mit Kids Press**

 **MiTeen Press**

# NEW FROM MIT KIDS PRESS—THE PERFECT GIFT FOR CURIOUS BABIES, TODDLERS, AND THEIR GROWN-UPS



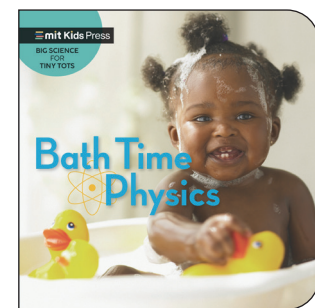
On sale November 14, 2023  
 Boxed set: 978-1-5362-3246-2  
 \$35.96 (\$47.96 CAN)  
 Ages 1-3 • 96 pages

## Big Science for Tiny Tots Four-Book Collection

Jill Esbaum

Prime your young Einstein to explore the exciting world around them with a quartet of books on big science made just right for little ones—four books in one boxed set!

From the high chair to the stroller, playtime to bath time, the whole world is a lab for your little scientist. Why wait for college when you can teach your toddler advanced science as you go about your day? Basic concepts of chemistry, physics, engineering, and ecology await in this fun, funny, and inspiring boxed set.



**Bath Time Physics**  
*Splash, splash!* Prepare to experience the forces of physics at work. Buoyancy, gravity, and evaporation—it's time for Baby's bath.



**High Chair Chemistry**  
 Secure your bib, grab your spoon, and get ready to unpack the properties of matter. Chemistry is all around us—starting with Baby's high chair.



**Playtime Engineering**  
 Grab a play mat, blocks, and your favorite baby engineer. It's time to build: set up a sturdy base, bear weight, and create support—baby engineer at work!



**Stroller Ecology**  
 Ready to roll with your little ecologist? Head to the park to engage all the senses and discover new things—*living* things!



On sale September 12, 2023  
 BB: 978-1-5362-3096-3  
 \$8.99 (\$11.99 CAN)  
 Also available as an e-book

### Playtime Engineering

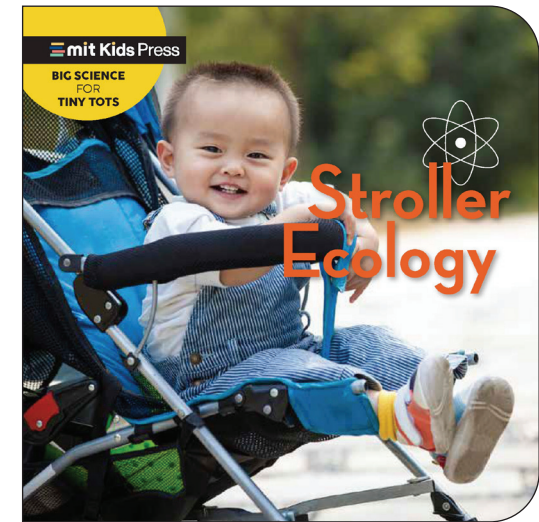
**Oh, my. You've gathered lots of materials. What will you build?**

With blocks at the ready, watch as your baby uses their hands to bear weight and the couch for support while experimenting with setting up a sturdy base, stacking a tower, spanning a space with an arch—and applying force, of course. *Bash! Smash! Crash!* Babies and toddlers are naturally curious explorers—now help them discover that science is fun! In this bright, graphic board book, photos of busy little ones offset a lively running dialogue sprinkled with factual asides that define basic engineering terms.

Available now!



BB: 978-1-5362-2966-0  
 \$8.99 (\$11.99 CAN)  
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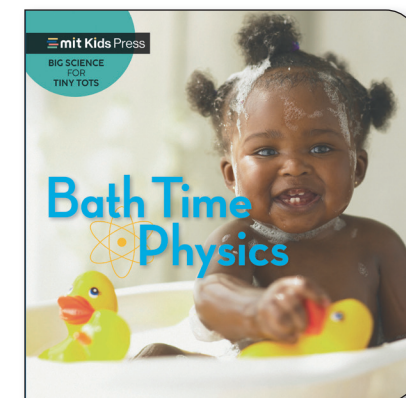


On sale September 12, 2023  
 BB: 978-1-5362-3095-6  
 \$8.99 (\$11.99 CAN)  
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### Stroller Ecology

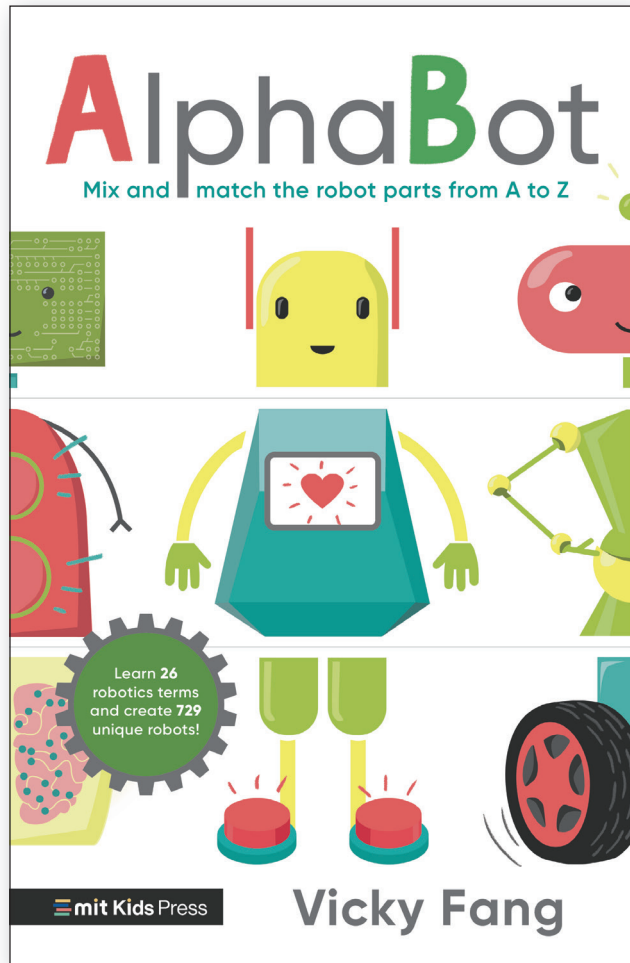
**Shh. If we're really quiet, what can we hear?**

Did you know your nearby park is its own ecosystem? There, your baby can smell some flowers that use sunshine to grow, watch a bird reuse twigs for a nest, listen to ducklings peep, and touch the rough bark of a squirrel's habitat. Babies and toddlers are naturally curious explorers—now help them discover that science is fun! In this bright, graphic board book, photos of wide-eyed little ones offset a lively running dialogue sprinkled with factual asides that define basic ecology terms.



BB: 978-1-5362-2965-3  
 \$8.99 (\$11.99 CAN)  
 Also available as an e-book





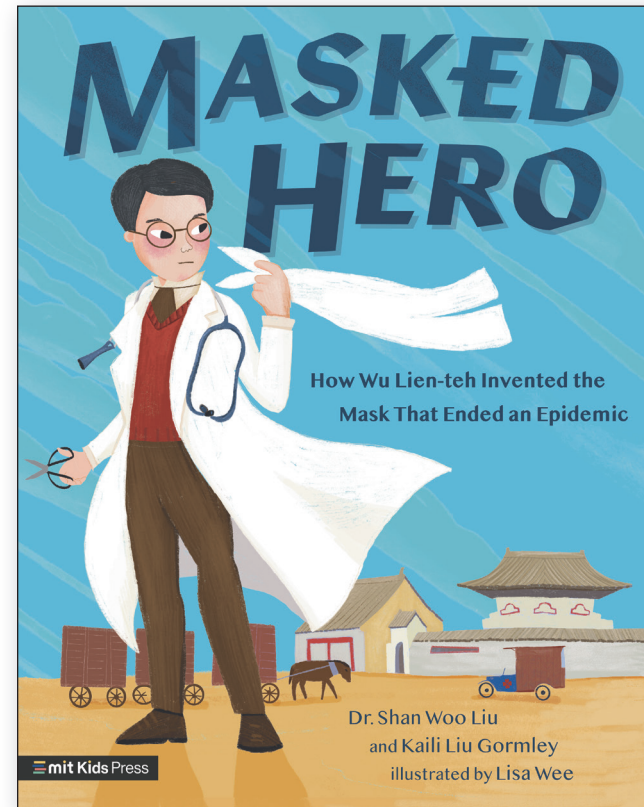
**On sale September 12, 2023**  
**HC: 978-1-5362-2653-9**  
**\$14.99 (\$19.99 CAN)**

**Vicky Fang** is a former children’s product designer at Google, where she invented such things as cars that can talk to each other, robots you can build at home, and games you can play with your voice. She now writes and illustrates children’s books, many of which have a STEM focus. She is the author of *Invent-a-Pet*, the I Can Code series of board books, and the Layla and the Bots chapter book series, as well as the author-illustrator of the Friendbots easy readers. Vicky Fang lives with her husband, two sons, and one pet rhinoceros beetle in Mountain View, California.

**AlphaBot**  
 Vicky Fang

**Even the youngest roboticists will love flipping the flaps to create their own robot—while exploring a simple A to Z roundup of robotics terms.**

Found your circuit-board head? Your voice-control torso? Your hydrojet feet? Hooray! You’ve made one of the 729 mix-and-match robots that are possible with this innovative flip-flap book. Alongside the bright and cheery illustrations of robot parts is an alphabetical listing of terms—from *android* to *gears*, *neural network* to *program*, *wheels* to *Z-drive*—and a basic definition of each. Printed on sturdy card stock to hold up to enthusiastic flap-turning, *AlphaBot* is full of appeal for young robot lovers, preschoolers who love machines, and anyone looking for STEM books for the younger set. Back matter includes a brief explanation of the three key abilities of robots: to sense, think, and act.



**On sale October 10, 2023**  
**HC: 978-1-5362-2898-4**  
**\$18.99 (\$24.99 CAN)**  
**Also available as an e-book**

**Shan Woo Liu** is the great-granddaughter of Wu Lien-teh. She is an emergency medicine physician at Massachusetts General Hospital in Boston and an associate professor at Harvard Medical School. *Masked Hero*, her publishing debut, was inspired by her daughter Kaili’s first-grade project about Dr. Wu, written in early 2020. Both mother and daughter are proud to share the story of Dr. Wu and help children understand that heroes come in all shapes, sizes, genders, and races. Shan Woo Liu lives with her family in Massachusetts.

**Lisa Wee** was born and raised in Penang, Malaysia, the hometown of Dr. Wu Lien-teh. After first pursuing a career in nursing, she moved to Kenya to teach art. The opportunity to teach children from diverse backgrounds opened her eyes to the need for diversity and inclusivity in children’s books. The recipient of the Japan Illustrators’ Association 2020 Bronze Award, among other accolades, Lisa Wee lives in Singapore.

**Masked Hero: How Wu Lien-teh Invented the Mask That Ended an Epidemic**

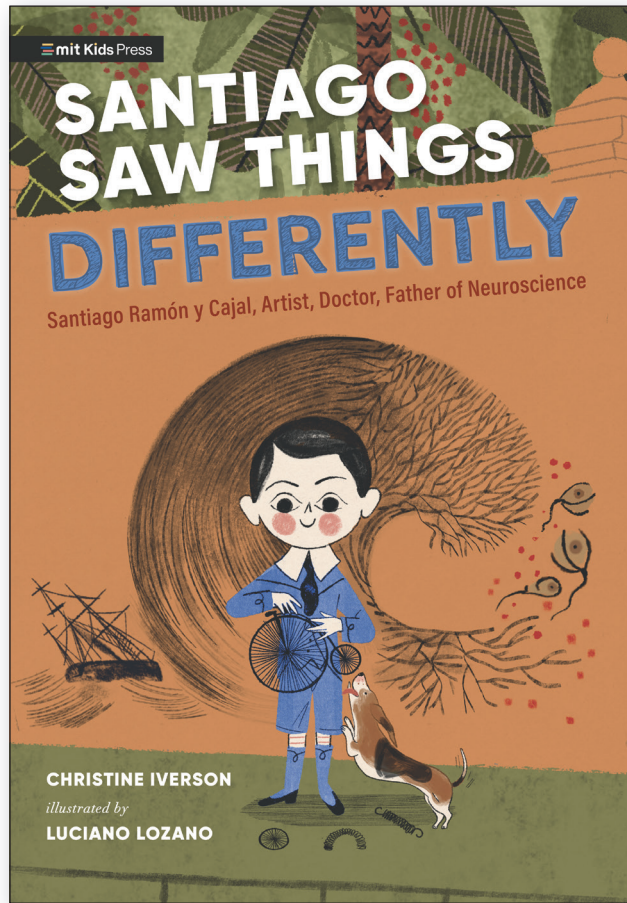
Shan Woo Liu  
 illustrated by Lisa Wee

**Who created the N95 mask? Meet Dr. Wu Lien-teh, defeater of the Manchurian plague—in a story authored by his great-granddaughter, an emergency physician who relied on his life-saving invention during a pandemic a century later.**

More than a hundred years before Covid, a deadly pneumonic plague threatened to sweep through Northeast China. Medical experts were summoned to help contain it—among them Wu Lien-teh, who had overcome hurdles to be a doctor since his boyhood in Malaysia. Unlike others, Dr. Wu deduced the disease was spread through airborne bacteria and advocated for quarantines and other measures familiar to readers today, including the use of a face covering he designed from layers of cloth and gauze: the first version of the N95 mask.

Wu Lien-teh faced ridicule and discrimination, but his trailblazing methods prevailed: the 1910 Manchurian plague was vanquished in four months, and his invention continues to keep us safe now. *Masked Hero*, written by Dr. Wu Lien-teh’s great-granddaughter Shan Woo Liu and charmingly illustrated by Lisa Wee, celebrates the little-known history of the N95 mask and the hero who first devised it. Back matter, including an author’s note and a time line, sheds further light on the ever-relevant past, encouraging budding scientists to think bravely—and remember the small acts we all can perform to keep our communities safe.





**On sale November 14, 2023**  
**HC: 978-1-5362-2453-5**  
**\$18.99 (\$24.99 CAN)**  
**Also available as an e-book**

**Christine Iverson** is a physical therapist with a strong interest in neural pathways. She holds a BS in history from the United States Military Academy at West Point, a doctoral degree in physical therapy from Baylor University, and an M.Ed. with a focus in children’s literature from Pennsylvania State University. She lives in Alexandria, Virginia.

**Luciano Lozano** is a Spanish author, illustrator, and graphic artist. He is the creator of several picture books, including *Mayhem at the Museum: A Book in Pictures*, and the illustrator of many others, including *I (Don’t) Like Snakes* by Nicola Davies. He lives in Spain.

***Santiago Saw Things Differently: Santiago Ramón y Cajal, Artist, Doctor, Father of Neuroscience***

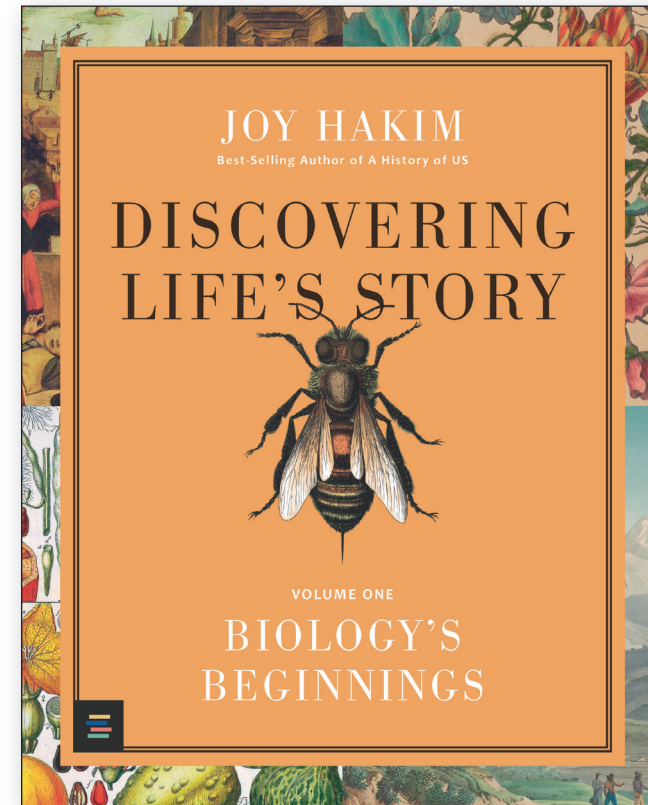
Christine Iverson  
 illustrated by Luciano Lozano

**In an exquisitely illustrated nonfiction picture book about the childhood and discoveries of the “father of neuroscience,” science and art—*together*—work wonders.**

Santiago Ramón y Cajal’s father, the village doctor, wants Santiago to be a doctor. He discourages his willful son’s love and aptitude for art. But drawing and painting are as necessary to Santiago as breathing, so when his father confiscates his art supplies, the boy finds a way to draw in secret. He draws on doors, gates, and walls, and to the neighbors, his drawings are a nuisance. But Santiago sees things differently. He’s an artist and always will be, even *after* he grows up and becomes a doctor. And art helps him discover what no one else could: branching connections within the nervous system. Debut author Christine Iverson’s vivid text evokes Santiago’s pioneering nature, while Luciano Lozano’s stunning visual narrative incorporates Santiago’s actual art, including remarkable drawings of neural pathways. A self-portrait, facts about neurons, and the science behind Santiago Ramón y Cajal’s 1906 Nobel Prize for Medicine round out this brilliant account of a boy who shaped his scientific fate *as* an artist.



Illustration copyright © 2023 by Luciano Lozano



**On sale September 12, 2023**  
**HC: 978-1-5362-2293-7**  
**\$22.99 (\$29.99 CAN)**  
**Also available as an e-book**

**Joy Hakim** is the best-selling author of *A History of US*, a ten-volume history of the United States, which has sold over three million copies, as well as of the much lauded *The Story of Science* series. Joy Hakim has worked as a teacher, newspaper writer, and editor and lives in Maryland.

***Discovering Life’s Story: Biology’s Beginnings***

Joy Hakim

**Trace the history of life science in the first of a four-part MITeen series by mega-best-selling author Joy Hakim, who brought us *A History of US*.**

When did we start learning the scientific secrets of life? Step back to the Islamic Golden Age, when scholars ask questions about life science and medicine that will establish those fields. Chart a path through the Renaissance, as Leonardo da Vinci dissects cadavers by candlelight to learn human anatomy firsthand. In this first of four volumes spanning hundreds of years of scientific innovation and discovery, follow the evolution of life science up to the late 1800s, when a baffled Dutch biologist finds a tiny infectious particle destroying tobacco crops and gives this particle a new name: *virus*. With *Discovering Life’s Story: Biology’s Beginnings*, best-selling author Joy Hakim begins a quartet of volumes mapping the path of human discovery as we unlock the biological secrets of our own existence. Richly illustrated with archival source materials and fine art, this STEM treasure trove features a wealth of back matter certain to kindle the appetite of science lovers.

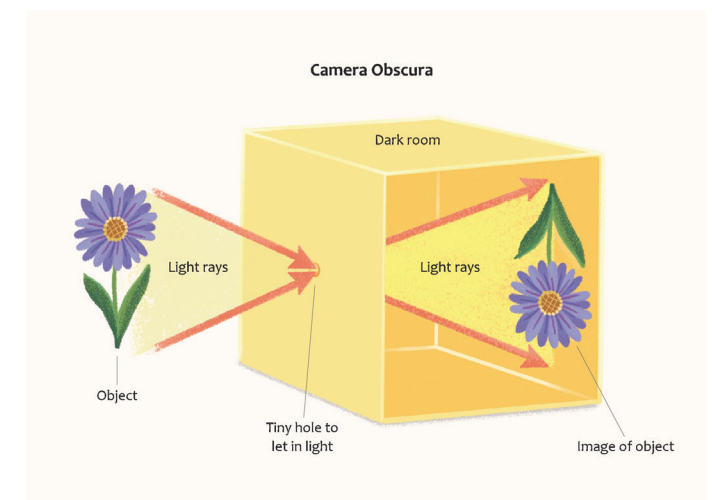
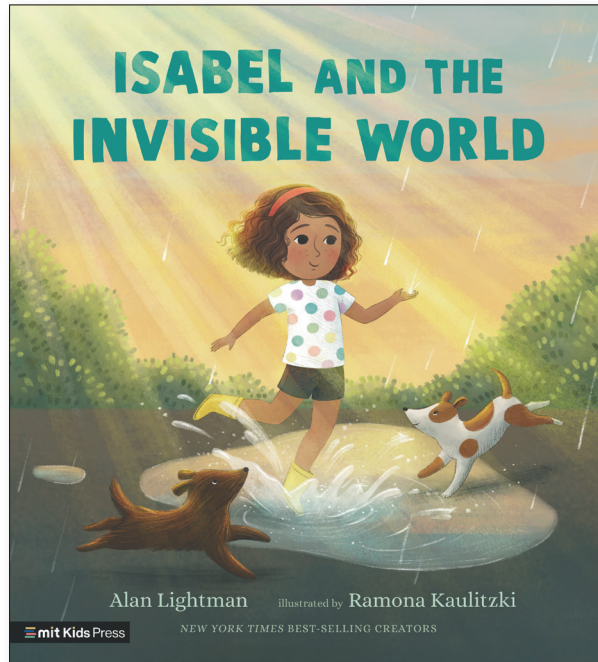


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## ACCLAIMED PICTURE BOOKS FROM BELOVED PHYSICIST AND AUTHOR ALAN LIGHTMAN



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 \$18.99 (\$24.99 CAN)  
 Also available as an e-book

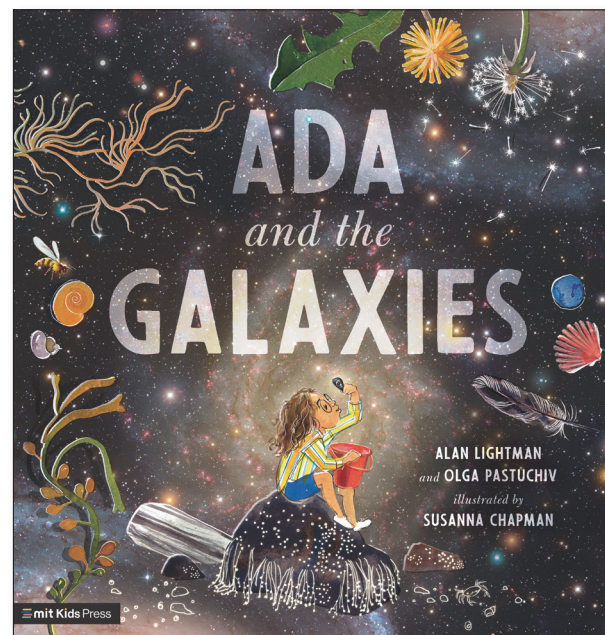
### *Isabel and the Invisible World*

Alan Lightman  
 illustrated by Ramona Kaulitzki

Renowned physicist Alan Lightman, author of *Ada and the Galaxies*, turns his focus to light waves in a second story for children.

“This simple but effective introduction to portions of the electromagnetic spectrum is physicist Lightman’s second science-inspired book for children. As in *Ada and the Galaxies*, cowritten by Olga Pastuchiv and illustrated by Susanna Chapman, he emphasizes the wonders that science can reveal, nicely ending his narrative with Isabel wondering about other invisible things. . . . Invisibly and effectively instructive.” —*Kirkus Reviews*

“Softly rendered digital art not only sets a playful tone but offers plenty of hints about light and prisms to find before and after reading, from streaming sunlight to stained-glass windows to rainbows in confetti, cakes, and Isabel’s birthday posters. . . . A charming, breezy introduction to STEM basics.” —*Booklist*

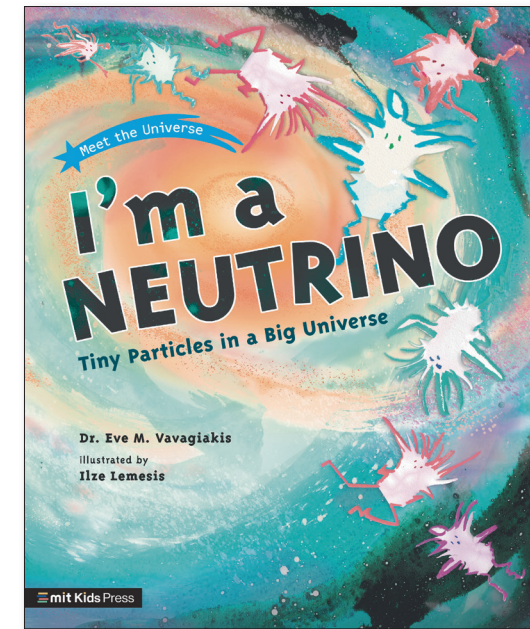


HC: 978-1-5362-1561-8  
 \$17.99 (\$23.99 CAN)  
 PB: 978-1-5362-2863-2  
 \$8.99 (\$11.99 CAN)  
 Also available as an e-book

### *Ada and the Galaxies*

Alan Lightman and Olga Pastuchiv  
 illustrated by Susanna Chapman

- ★ “Young readers will delight in seeing our universe’s interconnectedness, and, later, when Ada’s family dashes outside to spin in starlight, they will recognize the inextricable bonds among loved ones.” —*Kirkus Reviews* (starred review)
- ★ “Chapman has refined a loose-lined wash style that draws power from glowing light sources, creating night skies that glitter and seawater that sparkles.” —*Publishers Weekly* (starred review)
- ★ “A joyful and dazzling exploration of our universe, on every scale.” —*Booklist* (starred review)



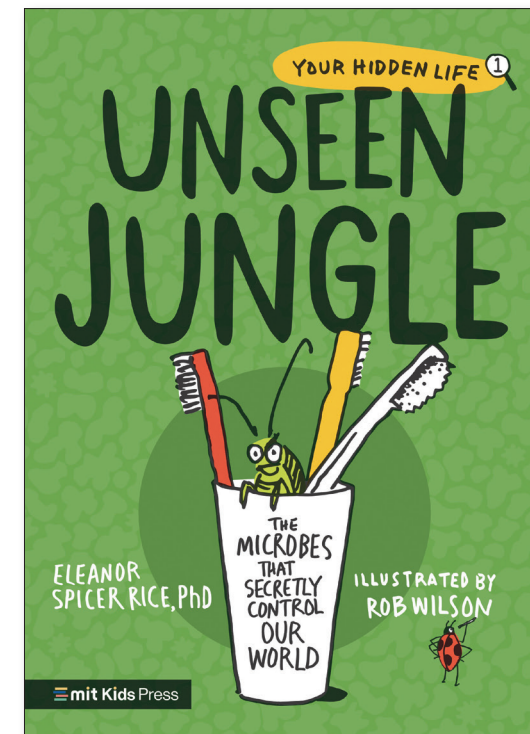
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 PB: 978-1-5362-3084-0  
 \$7.99 (\$10.99 CAN)  
 Also available as an e-book

### *I’m a Neutrino: Tiny Particles in a Big Universe*

Dr. Eve M. Vavagiakis  
 illustrated by Ilze Lemesis

An accessible and visually arresting picture book about one of the universe’s most mysterious particles for the youngest scientific minds

“A poetic, gently humorous introduction to the world of neutrino physics.” —*Kirkus Reviews*



HC: 978-1-5362-2646-1  
 \$19.99 (\$25.99 CAN)  
 Also available as an e-book  
 COMING OCTOBER 31, 2023  
 PB: 978-1-5362-3286-8  
 \$12.99 (\$17.99 CAN)

### *Unseen Jungle: The Microbes That Secretly Control Our World*

Eleanor Spicer Rice, PhD  
 illustrated by Rob Wilson

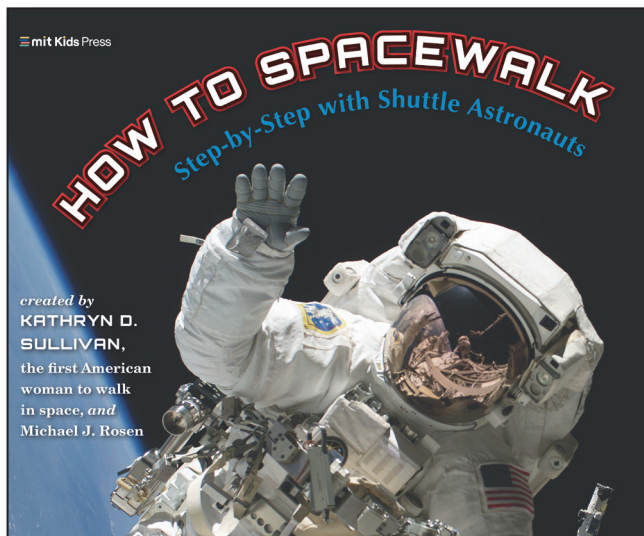
This lively peek into the amazing world of microbes, replete with a kid-pleasing “ick” factor, is chock-full of facts, humor, and fun illustrations.

“Presents the behind-the-scenes microbial influence over familiar creatures and environments (mind-controlling fungi in humble houseflies, for example) in all its sometimes gory glory, with enough detail to satisfy young readers’ curiosity as well as their delight in all things icky but not so much as to become overwhelming. . . . The author’s palpable excitement for the topic makes an already-fascinating subject even more engaging. An entertaining and informative exploration of a hidden world.” —*Kirkus Reviews*

“Eleanor Spicer Rice breaks down facts about microbes in an often hilarious, frequently gross, and overall interesting way.” —*School Library Connection*

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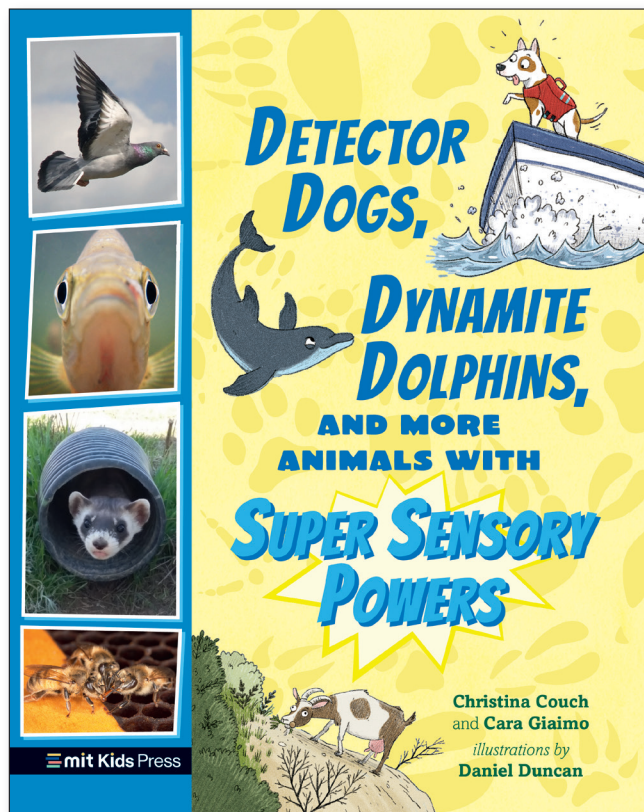
HC: 978-1-5362-2621-8  
 \$19.99 (\$25.99 CAN)  
 Also available as an e-book

**How to Spacewalk: Step-by-Step with Shuttle Astronauts**

Kathryn D. Sullivan and Michael J. Rosen

Aspiring astronauts will be ready for liftoff with this thrilling guide to preparing for and doing a real spacewalk—featuring NASA photos from the author’s own space adventures.

“Kathryn demonstrates how her determination and curiosity helped her become an astronaut. . . . The firsthand accounts and descriptions of the equipment and training that are necessary for a spacewalk are fascinating. . . . This enthusiastic and personal story of how a woman born in a time when girls were limited to specific careers broke the rules and explored the oceans and outer space will be useful as a reference and appeal to aspiring scientists.” —*School Library Connection*



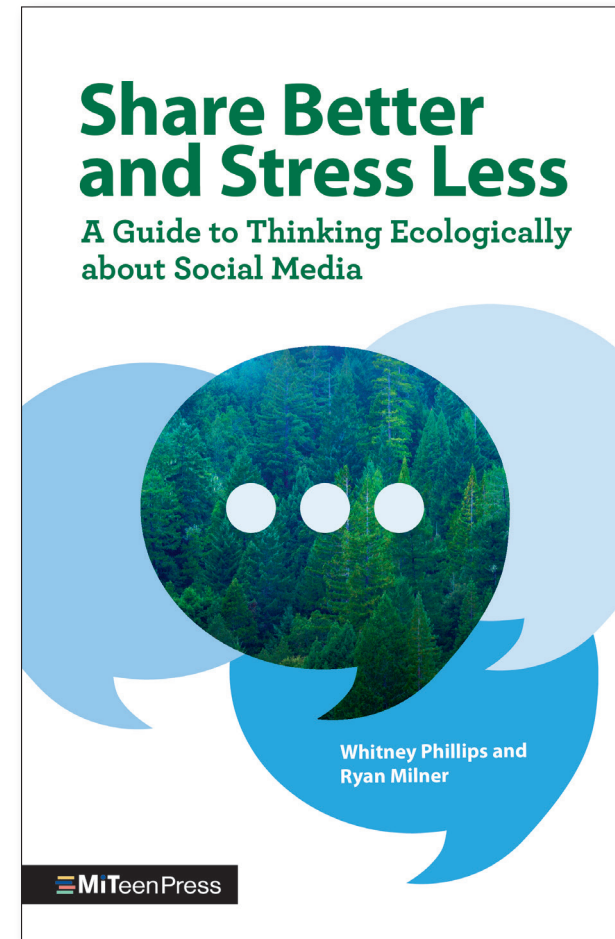
HC: 978-1-5362-1912-8  
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 PB: 978-1-5362-2953-0  
 \$12.99 (\$17.99 CAN)  
 Also available as an e-book

**Detector Dogs, Dynamite Dolphins, and More Animals with Super Sensory Powers**

Christina Couch and Cara Giaimo  
 illustrated by Daniel Duncan

Meet incredible animals with all kinds of highly developed senses and learn about the jobs they do in this book full of amazing facts, cool science, and activities.

“An engaging survey, thoroughly documented and as ethically nuanced as it is lively.” —*Kirkus Reviews*



HC: 978-1-5362-2874-8  
 \$19.99 (\$25.99 CAN)  
 Also available as an e-book

**Share Better and Stress Less: A Guide to Thinking Ecologically about Social Media**

Whitney Phillips and Ryan Milner

Two media experts offer a witty, warm, and relatable take on how information pollution affects our online networks—and our well-being—and how to maximize a positive impact.

“Two university professors who specialize in communication in online environments offer teens advice on navigating the digital world. . . . Offers sensible steps for foreseeing and minimizing damage to ourselves and others on social media.” —*Kirkus Reviews*

“Phillips and Milner apply ecological thinking to digital problems, optimistic that informed consumers could make wiser decisions to contribute to positive online interactions. Educators could use this text for professional development in digital citizenship, as a cross curricular connection to earth science units, or in social emotional cooperative learning lessons.” —*School Library Connection*

“Phillips and Milner, literacy media educators, define information pollution on social media using an ecological approach—being mindful of connection, consequences, and shared responsibility on social media. . . . Tools to help young social-media posters keep their online spaces healthier for themselves and others are provided.” —*Booklist*

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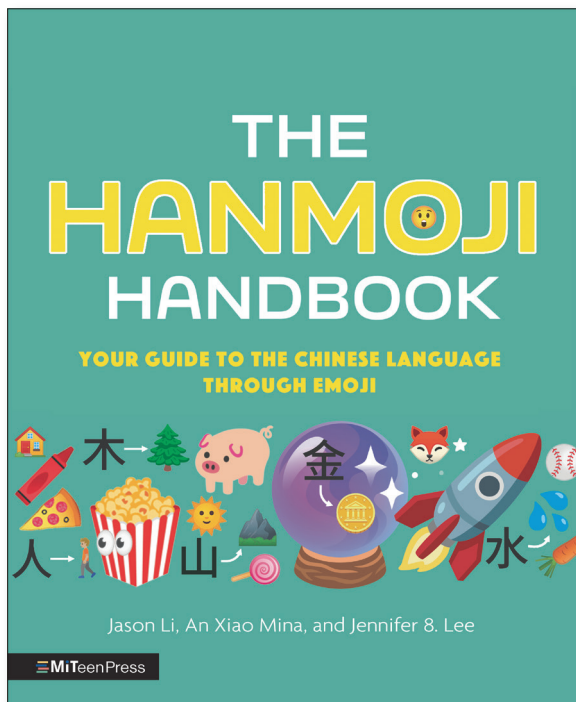
***Become an App Inventor: The Official Guide from MIT App Inventor: Your Guide to Designing, Building, and Sharing Apps***

Karen Lang and Selim Tezel, MIT App Inventor Project and MIT Computer Science and Artificial Intelligence Laboratory

With a foreword by Gitanjali Rao, *Time* magazine’s inaugural Kid of the Year, this engaging guide from MITeTeen Press teaches anyone to design and publish their own apps—no experience necessary!—and introduces young app creators from around the world.

“A clear, empowering way to learn app-making.”  
 —*Kirkus Reviews*

“This step-by-step guide is a valuable aide. . . . A go-to resource for passionate creators who are ready to actively invent and design.”  
 —*Booklist*



HC: 978-1-5362-1913-5  
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COMING OCTOBER 17, 2023  
 PB: 978-1-5362-3046-8  
 \$12.99 (\$17.99 CAN)

***The Hanmoji Handbook: Your Guide to the Chinese Language Through Emoji***

Jason Li, An Xiao Mina, and Jennifer 8. Lee

Learn Chinese with a new twist! This full-color illustrated handbook introduces and explains Han characters and idioms through the language of emoji.

★ “Clever, complex, yet concise and fun: This guide promises to engage language learners and curious readers.” —*Kirkus Reviews* (starred review)



HC: 978-1-5362-1938-8  
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 Also available as an e-book

COMING NOVEMBER 14, 2023  
 PB: 978-1-5362-3288-2  
 \$12.99 (\$17.99 CAN)

***Tasting Light: Ten Science Fiction Stories to Rewire Your Perceptions***

A. R. Capetta and Wade Roush  
 With stories by: William Alexander, K. Ancrum, Elizabeth Bear, A. R. Capetta, Charlotte Nicole Davis, Nasuğraq Rainey Hopson, A.S. King, E.C. Myers, Junauda Petrus-Nasah, and Wendy Xu

In a mind-bending MITeTeen anthology, ten top YA authors use emerging technologies to explore startling new realities.

★ “A diverse anthology showing hopeful futures imagined through the lens of technology. . . . A top-notch hard science fiction collection.”  
 —*Kirkus Reviews* (starred review)

“The ten short stories in this luminous collection are set in the future in different locations. . . . At once unsettling and moving, this crystalline collection will find or create a connection with its readers.” —*Booklist*

“This collection of innovative YA hard science fiction short stories thoughtfully reimagines a gender-diverse future from an array of perspectives. . . . Each story is unique, brilliant, and brimming with hope.” —*BuzzFeed*

“It’s been a while since we had a full YA collection of only science fiction, but who better to bring it back than Capetta and Roush. They’ve put together a fine array of stories blending queerness and technology.” —*Tor.com*



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