

The Social Labs Revolution A New Approach To Solving Our Most Complex Challenges 1st Edition By Hassan Zaid 2014 Paperback

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Where Good Ideas Come From - Steven Johnson 2010-10-05
A fascinating deep dive on innovation from the New York Times bestselling author of *How We Got To Now* and *Unexpected Life*. The printing press, the pencil, the flush toilet, the battery--these are all great ideas. But where do they come from? What kind of environment breeds them? What sparks the flash of brilliance? How do we generate the breakthrough technologies that push forward our lives, our society, our culture? Steven Johnson's answers are revelatory as he identifies the seven key patterns behind genuine innovation, and traces them across time and disciplines. From Darwin and Freud to the halls of Google and Apple, Johnson investigates the innovation hubs throughout modern time and pulls out the approaches and commonalities that seem to appear at moments of originality.

Where Wizards Stay Up Late - Matthew Lyon 1999-08-19
Twenty five years ago, it didn't exist. Today, twenty million people worldwide are surfing the Net. *Where Wizards Stay Up Late* is the exciting story of the pioneers responsible for creating the most talked about, most influential, and most far-reaching communications breakthrough since the invention of the telephone. In the 1960's, when computers were regarded as mere giant calculators, J.C.R. Licklider at MIT saw them as the ultimate communications devices. With Defense Department funds, he and a band of visionary computer whizzes began work on a nationwide, interlocking network of computers. Taking readers behind the scenes, *Where Wizards Stay Up Late* captures the hard work, genius, and happy accidents of their daring, stunningly successful venture.

Reproducibility and Replicability in Science - National Academies of Sciences, Engineering, and Medicine 2019-10-20

One of the pathways by which the scientific community confirms the validity of a new scientific discovery is by repeating the research that produced it. When a scientific effort fails to independently confirm the computations or results of a previous study, some fear that it may be a symptom of a lack of rigor in science, while others argue that such an observed inconsistency can be an important precursor to new discovery. Concerns about reproducibility and replicability have been expressed in both scientific and popular media. As these concerns came to light, Congress requested that the National Academies of Sciences, Engineering, and Medicine conduct a study to assess the extent of issues related to reproducibility and replicability and to offer recommendations for improving rigor and transparency in scientific research. *Reproducibility and Replicability in Science* defines reproducibility and replicability and examines the factors that may lead to non-reproducibility and non-replicability in research. Unlike the typical expectation of reproducibility between two computations, expectations about replicability are more nuanced, and in some cases a lack of replicability can aid the process of scientific discovery. This report provides recommendations to researchers, academic institutions, journals, and funders on steps they can take to improve reproducibility and replicability in science.

Big Data - Viktor Mayer-Schönberger 2013

This revelatory exploration of big data, which refers to our newfound ability to crunch vast amounts of information, analyze it instantly and draw profound and surprising conclusions from it, discusses how it will change our lives and what we can do to protect ourselves from its hazards. 75,000 first printing.

The Systems Work of Social Change - Cynthia Rayner 2021-10-12

The issues of poverty, inequality, racial injustice, and

climate change have never been more pressing or paralyzing. Current approaches to social change, which rely on linear thinking and traditional power dynamics to 'solve' social problems, are not helping. In fact, they may only be entrenching the status quo. Systemic social challenges produce bewildering results when we try to solve them due to their complexity, scale, and depth. While strategies to tackle complexity and scale have received significant attention and investment, challenges that arise from deeply-held beliefs, values, and assumptions that no longer serve us well have been largely overlooked. This book draws on stories of committed social changemakers to uncover a set of principles and practices for social change that dramatically depart from the industrial approach. Rather than delivering solutions or being lured by grander visions of 'systems change', these principles and practices focus on the process of change itself. Simple yet profound, these stories distill a timely set of lessons for leaders, scholars, and policymakers on how connection, context, and power sit at the heart of the change process, ensuring broader agency for people and communities while building social systems that are responsive in a rapidly-changing world.

Makers - Chris Anderson 2012-10-02

3D Robotics co-founder and bestselling author Chris Anderson takes you to the front lines of a new industrial revolution as today's entrepreneurs, using open source design and 3-D printing, bring manufacturing to the desktop. In an age of custom-fabricated, do-it-yourself product design and creation, the collective potential of a million garage tinkerers and enthusiasts is about to be unleashed, driving a resurgence of American manufacturing. A generation of "Makers" using the Web's innovation model will help drive the next big wave in the global economy, as the new technologies of digital design and rapid prototyping gives everyone the power to invent--creating "the long tail of things".

Clean - James Hamblin 2020-07-21

Named a Best Book of 2020 by NPR and Vanity Fair One of Smithsonian's Ten Best Science Books of 2020 "A searching and vital explication of germ theory, social norms, and what the modern era is really doing to our bodies and our psyches." -Vanity Fair A preventative medicine physician and staff writer for *The Atlantic* explains the surprising and unintended effects of our hygiene practices in this informative and entertaining introduction to the new science of skin microbes and probiotics. Keeping skin healthy is a booming industry, and yet it seems like almost no one agrees on what actually works. Confusing messages from health authorities and ineffective treatments have left many people desperate for reliable solutions. An enormous alternative industry is filling the void, selling products that are often of questionable safety and totally unknown effectiveness. In *Clean*, doctor and journalist James Hamblin explores how we got here, examining the science and culture of how we care for our skin today. He talks to dermatologists, microbiologists, allergists, immunologists, aestheticians, bar-soap enthusiasts, venture capitalists, Amish people, theologians, and straight-up scam artists, trying to figure out what it really means to be clean. He even experiments with giving up showers entirely, and discovers that he is not alone. Along the way, he realizes that most of our standards of cleanliness are less related to health than most people think. A major part of the picture has been missing: a little-known ecosystem known as the skin microbiome--the trillions of microbes that live on our skin and in our pores. These microbes are not dangerous; they're more like an outer

layer of skin that no one knew we had, and they influence everything from acne, eczema, and dry skin, to how we smell. The new goal of skin care will be to cultivate a healthy biome—and to embrace the meaning of “clean” in the natural sense. This can mean doing much less, saving time, money, energy, water, and plastic bottles in the process. Lucid, accessible, and deeply researched, *Clean* explores the ongoing, radical change in the way we think about our skin, introducing readers to the emerging science that will be at the forefront of health and wellness conversations in coming years.

The Innovators - Walter Isaacson 2014

"Following his blockbuster biography of Steve Jobs, *The Innovators* is Walter Isaacson's revealing story of the people who created the computer and the Internet. It is destined to be the standard history of the digital revolution and an indispensable guide to how innovation really happens. What were the talents that allowed certain inventors and entrepreneurs to turn their visionary ideas into disruptive realities? What led to their creative leaps? Why did some succeed and others fail? In his masterly saga, Isaacson begins with Ada Lovelace, Lord Byron's daughter, who pioneered computer programming in the 1840s. He explores the fascinating personalities that created our current digital revolution, such as Vannevar Bush, Alan Turing, John von Neumann, J.C.R. Licklider, Doug Engelbart, Robert Noyce, Bill Gates, Steve Wozniak, Steve Jobs, Tim Berners-Lee, and Larry Page. This is the story of how their minds worked and what made them so inventive. It's also a narrative of how their ability to collaborate and master the art of teamwork made them even more creative. For an era that seeks to foster innovation, creativity, and teamwork, *The Innovators* shows how they happen"---

AI Superpowers - Kai-Fu Lee 2018-09-25

Introduction -- China's Sputnik moment -- Copycats in the Coliseum -- China's alternate Internet universe -- A tale of two countries -- The four waves of AI -- Utopia, dystopia, and the real AI crisis -- The wisdom of cancer -- A blueprint for human co-existence with AI -- Our global AI story

Learning to Change the World - Charles Kane 2012-12-11

UNESCO estimates that eleven percent of primary school-age children—seventy-two million worldwide—are not enrolled in or attending school. Children who do attend may find themselves in schools that lack adequate space, facilities, or resources—impossible situations for learning. It is against this backdrop of profound need that One Laptop per Child (OLPC) emerged in 2005. The mission of the organization is to "empower the children of developing countries to learn." They created the first affordable netbook specifically built to withstand harsh climates and the handling of young children—the bright green and white XO. At the 2005 World Economic Forum, Nicholas Negroponte, the MIT researcher who co-founded the Media Lab and OLPC, introduced the XO laptop to the world and described a new approach to changing education in developing countries. First, children must have access to information (through low-cost data communications) and the tools to educate themselves (affordable computers and learning software). Secondly, the fundamental approach to education must shift from passive knowledge acquisition to active construction of knowledge (learning how to learn). Thirdly, OLPC planned to build an organization with the capability to deliver these computers and support these shifts globally. It was an audacious vision of how to bring about a massive educational change. *Learning to Change the World* is the story of One Laptop per Child—a story that will resonate with entrepreneurs and social innovators in any field. OLPC is an example of a non-profit organization with aspirations for systemic change on a global scale, yet wrestling with tough questions that will be familiar to any social entrepreneur: how to ensure market forces support the scale up of a social program; how to balance the need to repeat past successes but still leave room for innovation; how to leverage a network to expand impact beyond your original capabilities; and how to help people without creating dependence. The authors set out to tell the real story of their journey—both successes and failures. For both ardent supporters and critics alike, this book presents both an invitation and a challenge: to set aside preconceived notions about OLPC and read the inside story of the origins and evolution of the organization.

The Future Is Beautiful - Amisha Ghadiali 2016-08-01

"Imagination is the most precious currency we have. This anthology is a priceless, awe-inspiring companion in a time for new dreams."How will you create beauty in the world?Every one of us has ideas and personal experiences to share that can lead us to a brighter future. In the pages of this book, over two hundred people reveal their vision of the world they want to live in and the ways in which we can think, act and vote to create it.

Beautifully illustrated, this is a personal, political exploration of what we value, and how we can live these values our daily life. This book is an invitation to you, wherever you are in the world, to imagine the future of your choice and inspire us to build it with you. Our global future is created by all of us, together. *The Future Is Beautiful* is the start of a new conversation for making that happen. Let your imagination run wild. We are the Future.

Designing Reality - Neil Gershenfeld 2017-11-14

That's the promise, and peril, of the third digital revolution, where anyone will be able to make (almost) anything Two digital revolutions -- computing and communication -- have radically transformed our economy and lives. A third digital revolution is here: fabrication. Today's 3D printers are only the start of a trend, accelerating exponentially, to turn data into objects: Neil Gershenfeld and his collaborators ultimately aim to create a universal replicator straight out of Star Trek. While digital fabrication promises us self-sufficient cities and the ability to make (almost) anything, it could also lead to massive inequality. The first two digital revolutions caught most of the world flat-footed, thanks to *Designing Reality* that won't be true this time.

Universities as Living Labs for Sustainable Development - Walter Leal Filho 2019-04-30

This book fills an important gap in the literature, and presents contributions from scientists and researchers working in the field of sustainable development who have engaged in dynamic approaches to implementing sustainability in higher education. It is widely known that universities are key players in terms of the implementation and further development of sustainability, with some having the potential of acting as “living labs” in this rapidly growing field. Yet there are virtually no publications that explore the living labs concept as it relates to sustainability, and in an integrated manner. The aims of this book, which is an outcome of the “4th World Symposium on Sustainable Development at Universities” (WSSD-U-2018), held in Malaysia in 2018, are as follows: i. to document the experiences of universities from all around the world in curriculum innovation, research, activities and practical projects as they relate to sustainable development at the university level; ii. to disseminate information, ideas and experiences acquired in the execution of projects, including successful initiatives and good practice; iii. to introduce and discuss methodological approaches and projects that seek to integrate the topic of sustainable development in the curricula of universities; and iv. to promote the scalability of existing and future models from universities as living labs for sustainable development. The papers are innovative, cross-cutting and many reflect practice-based experiences, some of which may be replicable elsewhere. Also, this book, prepared by the Inter-University Sustainable Development Research Programme (IUSDRP) and the World Sustainable Development Research and Transfer Centre (WSD-RTC), reinforces the role played by universities as living labs for sustainable development.

Transforming the Future (Open Access) - Riel Miller 2018-04-27

People are using the future to search for better ways to achieve sustainability, inclusiveness, prosperity, well-being and peace. In addition, the way the future is understood and used is changing in almost all domains, from social science to daily life. This book presents the results of significant research undertaken by UNESCO with a number of partners to detect and define the theory and practice of anticipation around the world today. It uses the concept of ‘Futures Literacy’ as a tool to define the understanding of anticipatory systems and processes – also known as the Discipline of Anticipation. This innovative title explores: • new topics such as Futures Literacy and the Discipline of Anticipation; • the evidence collected from over 30 Futures Literacy Laboratories and presented in 14 full

case studies; • the need and opportunity for significant innovation in human decision-making systems. This book will be of great interest to scholars, researchers, policy-makers and students, as well as activists working on sustainability issues and innovation, future studies and anticipation studies. The Open Access version of this book, available at

<https://www.taylorfrancis.com/books/e/9781351047999>, has been made available under a Attribution-NonCommercial-NoDerivs 3.0 IGO (CC-BY-NC-ND 3.0 IGO) license.

The Victory Lab - Sasha Issenberg 2013-09-17

UPDATED FOR THE 2016 ELECTION The book *Politico* calls "Moneyball for politics" shows how cutting-edge social science and analytics are reshaping the modern political campaign. Renegade thinkers are crashing the gates of a venerable American institution, shoving aside its so-called wise men and replacing them with a radical new data-driven order. We've seen it in sports, and now in *The Victory Lab*, journalist Sasha Issenberg tells the hidden story of the analytical revolution upending the way political campaigns are run in the 21st century. *The Victory Lab* follows the academics and maverick operatives rocking the war room and re-engineering a high-stakes industry previously run on little more than gut instinct and outdated assumptions. Armed with research from behavioural psychology and randomized experiments that treat voters as unwitting guinea pigs, the smartest campaigns now believe they know who you will vote for even before you do. Issenberg tracks these fascinating techniques—which include cutting edge persuasion experiments, innovative ways to mobilize voters, heavily researched electioneering methods—and shows how our most important figures, such as Barack Obama and Mitt Romney, are putting them to use with surprising skill and alacrity. Provocative, clear-eyed and energetically reported, *The Victory Lab* offers iconoclastic insights into political marketing, human decision-making, and the increasing power of analytics.

Expanding Our Now - Harrison Owen 1997

Open Space Technology (OST) is an effective, economical, fast, and easily repeatable strategy for organizing meetings of between 5 and 1,000 participants. First developed in 1984, it has now been used around the world with all types of organizations including corporations, community groups, government agencies, schools, and churches. OST produces better meetings and helps groups achieve such organizational goals as self-managed work groups, distributed leadership, and utilizing diversity quickly and without training. In *Expanding Our Now*, OST creator Harrison Owen offers numerous examples to illustrate the evolution of OST and explores what it is, how it developed as a process for meeting management, and how and why it works all over the world, for groups of all sizes dealing with a vast range of issues. Owen shows how OST can move organizations to higher levels of performance, without elaborate training or professional facilitators.

Perspectives on Impact - Nina Montgomery 2019-02-14

Perspectives on Impact brings together leaders from across sectors to reflect on our approaches to social change. Sharing diverse examples from their work, these authors show how we must think more systemically and work more collaboratively to move the needle on the biggest social, humanitarian, and environmental challenges facing our world. Chapters by: Niko Canner, Shanti Nayak, and Cynthia Warner (Incandescent) Duncan Green (OxFam) Farah Ramzan Golant (Girl Effect, kyu) Sara Holoubek (Luminary Labs) Joi Ito (MIT Media Lab) Leila Janah (Samasource, LXMI, Samaschool) Amirah Jiwa George Kronnisanyon Werner (Republic of Liberia) Chris Larkin (IDEO.org) Eric Maltzer (Medora Ventures, Middlebury College) Jane Nelson (Harvard Kennedy School) Craig Nevill-Manning and Prem Ramaswami (Sidewalk Labs) Jacqueline Novogratz (Acumen) Deena Shakir (GV, formerly Google Ventures) Jose Miguel Sokoloff (MullenLowe Group) Lara Stein (TEDx, Women's March Global) Piyush Tantia (ideas42) Fay Twersky (William & Flora Hewlett Foundation) Sherrie Rollins Westin and Shari Rosenfeld (Sesame Workshop)

Democratizing Innovation - Eric Von Hippel 2006-02-17

The process of user-centered innovation: how it can benefit both users and manufacturers and how its emergence will bring changes in business models and in public policy. Innovation is rapidly becoming democratized. Users, aided by improvements in computer and communications technology, increasingly can develop their own new products and services. These innovating

users—both individuals and firms—often freely share their innovations with others, creating user-innovation communities and a rich intellectual commons. In *Democratizing Innovation*, Eric von Hippel looks closely at this emerging system of user-centered innovation. He explains why and when users find it profitable to develop new products and services for themselves, and why it often pays users to reveal their innovations freely for the use of all. The trend toward democratized innovation can be seen in software and information products—most notably in the free and open-source software movement—but also in physical products. Von Hippel's many examples of user innovation in action range from surgical equipment to surfboards to software security features. He shows that product and service development is concentrated among "lead users," who are ahead on marketplace trends and whose innovations are often commercially attractive. Von Hippel argues that manufacturers should redesign their innovation processes and that they should systematically seek out innovations developed by users. He points to businesses—the custom semiconductor industry is one example—that have learned to assist user-innovators by providing them with toolkits for developing new products. User innovation has a positive impact on social welfare, and von Hippel proposes that government policies, including R&D subsidies and tax credits, should be realigned to eliminate biases against it. The goal of a democratized user-centered innovation system, says von Hippel, is well worth striving for. An electronic version of this book is available under a Creative Commons license.

Noise - Joseph McCormack 2019-12-05

Teaches managers and leaders to cut through the static and hone their focusing skills In the current digital age, it is becoming increasingly more difficult to stay focused. Smartphones, tablets, smart watches, and other devices constantly vie for our attention. In both business and life, we are constantly bombarded with tweets, likes, mentions, and a constant stream of information. The inability to pay attention impacts learning, parenting, prioritizing, and leading. Not surprisingly, attention spans have gotten shorter. Already being pulled in a dozen directions every minute, managers and business leaders often struggle to address important issues and focus on everything that needs attention. *Noise: Living and Leading When Nobody Can Focus* teaches managers and leaders how to help themselves and others sharpen their focusing skills. In this follow-up to his first book *Brief—the proven, step-by-step approach to clear, concise, and effective communication*—author Joseph McCormack helps readers cut through the static and devote their attention to what is important. This engaging, informative book will help you: Apply effective, real-world techniques to hone your focus and reduce interference Learn the lessons taught to organizations such as Harley-Davidson, BMO Harris Bank, MasterCard, and the US Army Understand how modern technology can actually strengthen your focus if used correctly Avoid becoming a casualty of "weapons of mass distraction" *Noise: Living and Leading When Nobody Can Focus* is a valuable resource for leaders and managers seeking to develop laser-sharp focus and apply it to everything you do.

Things Fall Together - Skylar Tibbits 2021-06-15

From the visionary founder of the Self-Assembly Lab at MIT, a manifesto for the dawning age of active materials Things in life tend to fall apart. Cars break down. Buildings fall into disrepair. Personal items deteriorate. Yet today's researchers are exploiting newly understood properties of matter to program materials that physically sense, adapt, and fall together instead of apart. These materials open new directions for industrial innovation and challenge us to rethink the way we build and collaborate with our environment. *Things Fall Together* is a provocative guide to this emerging, often mind-bending reality, presenting a bold vision for harnessing the intelligence embedded in the material world. Drawing on his pioneering work on self-assembly and programmable material technologies, Skylar Tibbits lays out the core, frequently counterintuitive ideas and strategies that animate this new approach to design and innovation. From furniture that builds itself to shoes printed flat that jump into shape to islands that grow themselves, he describes how matter can compute and exhibit behaviors that we typically associate with biological organisms, and challenges our fundamental assumptions about what

physical materials can do and how we can interact with them. Intelligent products today often rely on electronics, batteries, and complicated mechanisms. Tibbits offers a different approach, showing how we can design simple and elegant material intelligence that may one day animate and improve itself—and along the way help us build a more sustainable future. Compelling and beautifully designed, *Things Fall Together* provides an insider's perspective on the materials revolution that lies ahead, revealing the spectacular possibilities for designing active materials that can self-assemble, collaborate, and one day even evolve and design on their own.

Hope in the Dark - Rebecca Solnit 2016-05-14

"[A] landmark book . . . Solnit illustrates how the uprisings that begin on the streets can upend the status quo and topple authoritarian regimes" (Vice). A book as powerful and influential as Rebecca Solnit's *Men Explain Things to Me*, her *Hope in the Dark* was written to counter the despair of activists at a moment when they were focused on their losses and had turned their back to the victories behind them—and the unimaginable changes soon to come. In it, she makes a radical case for hope as a commitment to act in a world whose future remains uncertain and unknowable. Drawing on her decades of activism and a wide reading of environmental, cultural, and political history, Solnit argues that radicals have a long, neglected history of transformative victories, that the positive consequences of our acts are not always immediately seen, directly knowable, or even measurable, and that pessimism and despair rest on an unwarranted confidence about what is going to happen next. Now, with a moving new introduction explaining how the book came about and a new afterword that helps teach us how to hope and act in our unnerving world, she brings a new illumination to the darkness of our times in an unforgettable new edition of this classic book. "One of the best books of the 21st century." —The Guardian "No writer has better understood the mix of fear and possibility, peril and exuberance that's marked this new millennium." —Bill McKibben, New York Times—bestselling author of *Falter* "An elegant reminder that activist victories are easily forgotten, and that they often come in extremely unexpected, roundabout ways." —The New Yorker

Our Common Agenda - Report of the Secretary-General - United Nations 2021-09-10

On the seventy-fifth anniversary of the United Nations, the world has faced its biggest shared test since the Second World War in the coronavirus disease (COVID-19) pandemic. Yet while our welfare, and indeed the permanence of human life, depend on us working together, international cooperation has never been harder to achieve. This report answers a call from UN Member States to provide recommendations to advance our common agenda and to respond to current and future challenges. Its proposals are grounded in a renewal of the social contract, adapted to the challenges of this century, taking into account younger and future generations, complemented by a new global deal to better protect the global commons and deliver global public goods. Through a deepening of solidarity—at the national level, between generations, and in the multilateral system—Our Common Agenda provides a path forward to a greener, safer and better future.

Building a Culture of Health - John A. Quelch 2016-09-22

This ambitious volume sets out to understand how every company impacts public health and introduces a robust model, rooted in organizational and scientific knowledge, for companies committed to making positive contributions to health and wellness. Focusing on four interconnected areas of corporate impact, it not only discusses the business imperative of promoting a healthier society and improved living conditions worldwide, but also provides guidelines for measuring a company's population health footprint. Examples, statistics and visuals showcase emerging corporate involvement in public health and underscore the business opportunities available to companies that invest in health. The authors offer a detailed roadmap for optimizing health-promoting actions in a rapidly evolving business and social climate across these core areas: Planning and building a culture of health
Consumer health: How organizations affect the safety, integrity, and healthfulness of the products and services they offer to their customers and end consumers
Employee health: How organizations affect the health of

their employees (e.g., provision of employer-sponsored health insurance, workplace practices and wellness programs)
Community health: How organizations affect the health of the communities in which they operate and do business
Environmental Health: How organizations' environmental policies (or lack thereof) affect individual and population health
Implementing and sustaining a culture of health
Building a Culture of Health clarifies both a mission and a vision for use by MPH and MBA students in health management, professors in schools of public health and business schools, and business leaders and chief medical officers in health care and non-health care businesses.

Approaches to Social Theory - Stewart Lindenberg 1986-07-18

Many social scientists lament the increasing fragmentation of their discipline, the trend toward specialization and away from engagement with overarching issues. Opportunities to transcend established disciplinary boundaries are rare, but the extraordinary conference that gave rise to this volume was one such occasion. The W. I. Thomas and Florian Znaniecki Memorial Conference on Social Theory, held at the University of Chicago, brought together an outstanding array of scholars representing a variety of contending approaches to social theory. In panels, presentations, and general discussions, these scholars confronted one another in the context of an entire range of approaches. But as readers of this deftly edited collection will discover, the conference was more than a forum for abstract theoretical debate. These papers and discussions represent original scholarly contributions that exemplify orientations to social theory by examining real problems in the functioning of society—from large-scale economic growth and decline to the dynamics of interpersonal interaction. By exploring a few central issues in different ways, this unique conference worked through some lively theoretical incompatibilities and established genuine potential for communication, for complementary and collaborative effort at the core of sociology. The excitement of that dialogue, and the intellectual vitality it generated, are captured for the reader in *Approaches to Social Theory*. "Meaty presentations and confrontations of ideas by people whose views we respect...Recommended to anyone interested in the current state of social theory." —Contemporary Sociology

The Social Labs Revolution - Zaid Hassan 2014-02-03

Current responses to our most pressing societal challenges—from poverty to ethnic conflict to climate change—are not working. These problems are incredibly dynamic and complex, involving an ever-shifting array of factors, actors, and circumstances. They demand a highly fluid and adaptive approach, yet we address them by devising fixed, long-term plans. Social labs, says Zaid Hassan, are a dramatically more effective response. Social labs bring together a diverse group of stakeholders—not to create yet another five-year plan but to develop a portfolio of prototype solutions, test those solutions in the real world, use the data to further refine them, and test them again. Hassan builds on a decade of experience—as well as drawing from cutting-edge research in complexity science, networking theory, and sociology—to explain the core principles and daily functioning of social labs, using examples of pioneering labs from around the world. He offers a new generation of problem solvers an effective, practical, and exciting new vision and guide.

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The Idea Factory - Jon Gertner 2013-02-26

The definitive history of America's greatest incubator of innovation and the birthplace of some of the 20th century's most influential technologies "Filled with colorful characters and inspiring lessons . . . The Idea Factory explores one of the most critical issues of our time: What causes innovation?" -Walter Isaacson, The New York Times Book Review "Compelling . . . Gertner's book offers fascinating evidence for those seeking to understand how a society should best invest its research resources." -The Wall Street Journal From its beginnings in the 1920s until its demise in the 1980s, Bell Labs-officially, the research and development wing of AT&T-was the biggest, and arguably the best, laboratory for new ideas in the world. From the transistor to the laser, from digital communications to cellular telephony, it's hard to find an aspect of modern life that hasn't been touched by Bell Labs. In The Idea Factory, Jon Gertner traces the origins of some of the twentieth century's most important inventions and delivers a riveting and heretofore untold chapter of American history. At its heart this is a story about the life and work of a small group of brilliant and eccentric men-Mervin Kelly, Bill Shockley, Claude Shannon, John Pierce, and Bill Baker-who spent their careers at Bell Labs. Today, when the drive to invent has become a mantra, Bell Labs offers us a way to enrich our understanding of the challenges and solutions to technological innovation. Here, after all, was where the foundational ideas on the management of innovation were born.

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Harnessed - Mark Changizi 2011-08-02

The scientific consensus is that our ability to understand human speech has evolved over hundreds of thousands of years. After all, there are whole portions of the brain devoted to human speech. We learn to understand speech before we can even walk, and can seamlessly absorb enormous amounts of information simply by hearing it. Surely we evolved this capability over thousands of generations. Or did we? Portions of the human brain are also devoted to reading. Children learn to read at a very young age and can seamlessly absorb information even more quickly through reading than through hearing. We know that we didn't evolve to read because reading is only a few thousand years old. In Harnessed, cognitive scientist Mark Changizi demonstrates that human speech has been very specifically "designed" to harness the sounds of nature, sounds we've evolved over millions of years to readily understand. Long before humans evolved, mammals have learned to interpret the sounds of nature to understand both threats and opportunities. Our speech-regardless of language-is very clearly based on the sounds of nature. Even more fascinating, Changizi shows that music itself is based on natural sounds. Music-seemingly one of the most human of inventions-is literally built on sounds and patterns of sound that have existed since the beginning of time. From Library Journal: "Many scientists believe that the human brain's capacity for language is innate, that the brain is actually "hard-wired" for this higher-level functionality. But theoretical neurobiologist Changizi (director of human cognition, 2AI Labs; The Vision Revolution) brilliantly challenges this view, claiming that language (and music)

are neither innate nor instinctual to the brain but evolved culturally to take advantage of what the most ancient aspect of our brain does best: process the sounds of nature . . . it will certainly intrigue evolutionary biologists, linguists, and cultural anthropologists and is strongly recommended for libraries that have Changizi's previous book." From Forbes: "In his latest book, Harnessed, neuroscientist Mark Changizi manages to accomplish the extraordinary: he says something compellingly new about evolution... Instead of tackling evolution from the usual position and become mired in the usual arguments, he focuses on one aspect of the larger story so central to who we are, it may very well overshadow all others except the origin of life itself: communication."

New Ways of Working - Nathalie Mitev 2021-02-22

This volume focuses on new ways of working, and explores implications of these new practices with a particular emphasis on the place occupied by technology, materiality and bodies within contemporary working configurations. It draws together an international range of scholars to examine diverse subjects such as: the gig economy, social media as a work space, the role of materiality in living labs, managerial techniques and organizational legitimacy. Drawing on global perspectives, from France to Nigeria, this book presents a fascinating examination of the many new ways people are working, and relating to their work. Part of the esteemed Technology, Work and Globalization series, this book is valuable reading for scholars working on organizational studies, ethnography, technology management, and management more generally.

Natural Capitalism - Paul Hawken 2007-10-15

There are no more respected voices in the environmental movement than these authors, true counselors on the direction of twenty-first-century business. With hundreds of thousands of books sold worldwide, they have set the agenda for rational, ecologically sound industrial development. In this inspiring book they define a superior & sustainable form of capitalism based on a system that radically raises the productivity of nature's dwindling resources. Natural Capitalism shows how cutting-edge businesses are increasing their earnings, boosting growth, reducing costs, enhancing competitiveness, & restoring the earth by harnessing a new design mentality. The authors offer dozens of examples of businesses that are making fourfold or even tenfold gains in efficiency, from self-heating & self-cooling buildings to 200-miles-per-gallon cars, while ensuring that workers aren't downsized out of their jobs. This practical blueprint shows how making resources more productive will create the next industrial revolution

Beautiful Trouble - Andrew Boyd 2013-05-01

Banksy, the Yes Men, Gandhi, Starhawk: the accumulated wisdom of decades of creative protest is now in the hands of the next generation of change-makers, thanks to Beautiful Trouble. Sophisticated enough for veteran activists, accessible enough for newbies, this compact pocket edition of the bestselling Beautiful Trouble is a book that's both handy and inexpensive. Showcasing the synergies between artistic imagination and shrewd political strategy, this generously illustrated volume can easily be slipped into your pocket as you head out to the streets. This is for everyone who longs for a more beautiful, more just, more livable world - and wants to know how to get there. Includes a new introduction by the editors. Contributors include: Celia Alario • Andy Bichlbaum • Nadine Bloch • L. M. Bogad • Mike Bonnano • Andrew Boyd • Kevin Buckland • Doyle Canning • Samantha Corbin • Stephen Duncombe • Simon Enoch • Janice Fine • Lisa Fithian • Arun Gupta • Sarah Jaffe • John Jordan • Stephen Lerner • Zack Malitz • Nancy L. Mancias • Dave Oswald Mitchell • Tracey Mitchell • Mark Read • Patrick Reinsborough • Joshua Kahn Russell • Nathan Schneider • John Sellers • Matthew Skomarovsky • Jonathan Matthew Smucker • Starhawk • Eric Stoner • Harsha Walia

The Fate of Food - Amanda Little 2019

In this fascinating look at the race to secure the global food supply, environmental journalist and professor Amanda Little tells the defining story of the sustainable food revolution as she weaves together stories from the world's most creative and controversial innovators on the front lines of food science, agriculture, and climate change. Climate models show that global crop production will decline every decade

for the rest of this century due to drought, heat, and flooding. Water supplies are in jeopardy. Meanwhile, the world's population is expected to grow another 30 percent by midcentury. So how, really, will we feed nine billion people sustainably in the coming decades? Amanda Little, a professor at Vanderbilt University and an award-winning journalist, spent three years traveling through a dozen countries and as many U.S. states in search of answers to this question. Her journey took her from an apple orchard in Wisconsin to a remote control organic farm in Shanghai, from Norwegian fish farms to famine-stricken regions of Ethiopia. The raise to reinvent the global food system is on, and the challenge is twofold: We must solve the existing problems of industrial agriculture while also preparing for the pressures ahead. Through her interviews and adventures with farmers, scientists, activists, and engineers, Little tells the fascinating story of human innovation and explores new and old approaches to food production while charting the growth of a movement that could redefine sustainable food on a grand scale. She meets small permaculture farmers and "Big Food" executives, botanists studying ancient superfoods and Kenyan farmers growing the country's first GMO corn. She travels to places that might seem irrelevant to the future of food yet surprisingly play a critical role--a California sewage plant, a U.S. Army research lab, even the inside of a monsoon cloud above Mumbai. Little asks tough questions: Can GMOs actually be good for the environment--and for us? Are we facing the end of animal meat? What will it take to eliminate harmful chemicals from farming? How can a clean, climate-resilient food supply become accessible to all? Throughout her journey, Little finds and shares a deeper understanding of the threats of climate change and encounters a sense of awe and optimism about the lessons of our past and the scope of human ingenuity.

Plato and the Divided Self - Rachel Barney 2012-02-16
Investigates Plato's account of the tripartite soul, looking at how the theory evolved over the Republic, Phaedrus and Timaeus.

Drawdown - Paul Hawken 2017-04-18

• New York Times bestseller • The 100 most substantive solutions to reverse global warming, based on meticulous research by leading scientists and policymakers around the world "At this point in time, the Drawdown book is exactly what is needed; a credible, conservative solution-by-solution narrative that we can do it. Reading it is an effective inoculation against the widespread perception of doom that humanity cannot and will not solve the climate crisis. Reported by-effects include increased determination and a sense of grounded hope." -Per Espen Stoknes, Author, What We Think About When We Try Not To Think About Global Warming "There's been no real way for ordinary people to get an understanding of what they can do and what impact it can have. There remains no single, comprehensive, reliable compendium of carbon-reduction solutions across sectors. At least until now. . . . The public is hungry for this kind of practical wisdom." -David Roberts, Vox "This is the ideal environmental sciences textbook--only it is too interesting and inspiring to be called a textbook." -Peter Kareiva, Director of the Institute of the Environment and Sustainability, UCLA In the face of widespread fear and apathy, an international coalition of researchers, professionals, and scientists have come together to offer a set of realistic and bold solutions to climate change. One hundred techniques and practices are described here--some are well known; some you may have never heard of. They range from clean energy to educating girls in lower-income countries to land use practices that pull carbon out of the air. The solutions exist, are economically viable, and communities throughout the world are currently enacting them with skill and determination. If deployed collectively on a global scale over the next thirty years, they represent a credible path forward, not just to slow the earth's warming but to reach drawdown, that point in time when greenhouse gases in the atmosphere peak and begin to decline. These measures promise cascading benefits to human health, security, prosperity, and well-being--giving us every reason to see this planetary crisis as an opportunity to create a just and livable world.

Elinor Ostrom and the Bloomington School - Jayme Lemke 2021-08-04

Elinor Ostrom was the first female winner of the Nobel

Prize in economics, and her achievement has generated renewed interest in the Bloomington School research program in institutional economics and political economy. These essays showcase Ostrom's extensive and lasting influence throughout economics and the wider social sciences. Contributors contextualize the Bloomington School within schools of economic thought and show how Ostrom's distinct methodology has been used in policy-making and governance. Case studies illustrate the value of civic involvement within public policy, a method pioneered by Ostrom and the Bloomington School. Elinor Ostrom and the Bloomington School provides a valuable resource for those keen to understand Ostrom's approach, especially when applied to policy-making and wider use in the social sciences. Readers new to the Bloomington School will be introduced to its central areas of research while those already familiar with the school will appreciate its subtle connections to other disciplines and research agendas.

Macro Practice in Social Work for the 21st Century - Steve Burghardt 2010-06-02

This book develops a new paradigm suited to the quickly shifting dynamics of a globalized society, both more reliant on social networking, and yet seeking common connection and community.

The French Revolution in Global Perspective - Suzanne Desan 2013-03-19

Situating the French Revolution in the context of early modern globalization for the first time, this book offers a new approach to understanding its international origins and worldwide effects. A distinguished group of contributors shows that the political culture of the Revolution emerged out of a long history of global commerce, imperial competition, and the movement of people and ideas in places as far flung as India, Egypt, Guiana, and the Caribbean. This international approach helps to explain how the Revolution fused immense idealism with territorial ambition and combined the drive for human rights with various forms of exclusion. The essays examine topics including the role of smuggling and free trade in the origins of the French Revolution, the entwined nature of feminism and abolitionism, and the influence of the French revolutionary wars on the shape of American empire. The French Revolution in Global Perspective illuminates the dense connections among the cultural, social, and economic aspects of the French Revolution, revealing how new political forms--at once democratic and imperial, anticolonial and centralizing--were generated in and through continual transnational exchanges and dialogues. Contributors: Rafe Blaufarb, Florida State University; Ian Collier, La Trobe University; Denise Davidson, Georgia State University; Suzanne Desan, University of Wisconsin-Madison; Lynn Hunt, University of California, Los Angeles; Andrew Jainchill, Queen's University; Michael Kwass, The Johns Hopkins University; William Max Nelson, University of Toronto; Pierre Serna, Université Paris I Panthéon-Sorbonne; Miranda Spieler, University of Arizona; Charles Walton, Yale University

Can Business Save the Earth? - Michael Lenox 2018-05-22
Increasingly, business leaders are tasked with developing new products, services, and business models that minimize environmental impact while driving economic growth. It's a tall order--and a call that is only getting louder. In *Can Business Save the Earth?*, Michael Lenox and Aaron Chatterji explain just how the private sector can help. Many believe that markets will inevitably demand sustainable practices and force them to emerge. But Lenox and Chatterji see it differently. Based on more than a decade of research and work with companies, they argue that a bright green future is only possible with dramatic innovation across multiple sectors at the same time. To achieve this, a broader ecosystem of players--including inventors, executives, customers, investors, activists, and governments--all must play a role. The book outlines how and the extent to which each group can serve as a driver of green growth. Then, Lenox and Chatterji identify where economic incentives currently exist, or could exist with institutional change, and ultimately address the larger question of how far well-coordinated efforts can take us in addressing the current environmental crisis. *The Social Construction of Technological Systems, anniversary edition* - Wiebe E. Bijker 2012-05-18
An anniversary edition of an influential book that introduced a groundbreaking approach to the study of science, technology, and society. This pioneering book,

first published in 1987, launched the new field of social studies of technology. It introduced a method of inquiry—social construction of technology, or SCOT—that became a key part of the wider discipline of science and technology studies. The book helped the MIT Press shape its STS list and inspired the Inside Technology series. The thirteen essays in the book tell stories about such varied technologies as thirteenth-century galleys, eighteenth-century cooking stoves, and twentieth-century missile systems. Taken together, they affirm the

fruitfulness of an approach to the study of technology that gives equal weight to technical, social, economic, and political questions, and they demonstrate the illuminating effects of the integration of empirics and theory. The approaches in this volume—collectively called SCOT (after the volume's title) have since broadened their scope, and twenty-five years after the publication of this book, it is difficult to think of a technology that has not been studied from a SCOT perspective and impossible to think of a technology that cannot be studied that way.