

Ages Discord Peter Turchin

Twenty-four examples of societal collapse help develop a new theory to account for their breakdown. Detailed studies of the Roman, Mayan and Cacoan collapses clarify the processes of disintegration.

Mothers and Others finds the key in the primatologically unique length of human childhood. Renowned anthropologist Sarah Hrdy argues that if human babies were to survive in a world of scarce resources, they would need to be cared for, not only by their mothers but also by siblings, aunts, fathers, friends—and, with any luck, grandmothers. Out of this complicated and contingent form of childrearing, Hrdy argues, came the human capacity for understanding others. In essence, mothers and others teach us who will care, and who will not.

WE ARE ON THE WRONG TRACK Seventy percent of Americans (and counting) think so. The real wage of a US worker today is less than it was 40 years ago-but there are four times as many multimillionaires. As inequality grows, the politics become more poisonous. Every year, more and more Americans go on shooting sprees, killing strangers and passers-by-and now, increasingly, representatives of the state. Troubling trends of this kind are endlessly discussed by public intellectuals and social scientists. But mostly, they talk about only a small slice of the overall problem. After all, how on earth can yet another murderous rampage have anything to do with polarization in Congress? And is there really a connection between too many multimillionaires and government gridlock? Historical analysis shows that long spells of equitable prosperity and internal peace are succeeded by protracted periods of inequity, increasing misery, and political instability. These crisis periods-"Ages of Discord"-have recurred in societies throughout history. Modern Americans may be disconcerted to learn that the US right now has much in common with the Antebellum 1850s and, more surprisingly, with ancien regime France on the eve of the French Revolution. Can it really be true that there is nothing new about our troubled time, and that similar ages arise periodically for similar underlying reasons? Ages of Discord marshals Structural-Demographic Theory and detailed historical data to show that this is, indeed, the case. The book takes the reader on a roller-coaster ride through American history, from the Era of Good Feelings of the 1820s to our first Age of Discord, which culminated in the American Civil War, to post-WW2 prosperity and, finally, to our present, second Age of Discord."

Should we stop caring about fading regional powers like China, Russia, Germany, and Iran? Will the collapse of international cooperation push France, Turkey, Japan, and Saudi Arabia to the top of international concerns? Most countries and companies are not prepared for the world Peter Zeihan says we're already living in. For decades, America's allies have depended on its might for their economic and physical security. But as a new age of American isolationism dawns, the results will surprise everyone. In *Disunited Nations*, geopolitical strategist Peter Zeihan presents a series of counterintuitive arguments about the

future of a world where trade agreements are coming apart and international institutions are losing their power. Germany will decline as the most powerful country in Europe, with France taking its place. Every country should prepare for the collapse of China, not North Korea. We are already seeing, as Zeihan predicts, a shift in outlook on the Middle East: it is no longer Iran that is the region's most dangerous threat, but Saudi Arabia. The world has gotten so accustomed to the "normal" of an American-dominated order that we have all forgotten the historical norm: several smaller, competing powers and economic systems throughout Europe and Asia. America isn't the only nation stepping back from the international system. From Brazil to Great Britain to Russia, leaders are deciding that even if plenty of countries lose in the growing disunited chaos, their nations will benefit. The world isn't falling apart—it's being pushed apart. The countries and businesses prepared for this new every-country-for-itself ethic are those that will prevail; those shackled to the status quo will find themselves lost in the new world disorder. Smart, interesting, and essential reading, *Disunited Nations* is a sure-to-be-controversial guidebook that analyzes the emerging shifts and resulting problems that will arise in the next two decades. We are entering a period of chaos, and no political or corporate leader can ignore Zeihan's insights or his message if they want to survive and thrive in this uncertain new time.

Rooted in the observation that massive transitions in the church happen about every 500 years, Phyllis Tickle shows readers that we live in such a time right now. She compares the Great Emergence to other "Greats" in the history of Christianity, including the Great Transformation (when God walked among us), the time of Gregory the Great, the Great Schism, and the Great Reformation. Combining history, a look at the causes of social upheaval, and current events, *The Great Emergence* shows readers what the Great Emergence in church and culture is, how it came to be, and where it is going. Anyone who is interested in the future of the church in America, no matter what their personal affiliation, will find this book a fascinating exploration. Study guide by Danielle Shroyer.

In the last two decades it has become increasingly clear that the spatial dimension is a critically important aspect of ecological dynamics. Ecologists are currently investing an enormous amount of effort in quantifying movement patterns of organisms. Connecting these data to general issues in metapopulation biology and landscape ecology, as well as to applied questions in conservation and natural resource management, however, has proved to be a non-trivial task. This book presents a systematic exposition of quantitative methods for analyzing and modeling movements of organisms in the field. *Quantitative Analysis of Movement* is intended for graduate students and researchers interested in spatial ecology, including applications to conservation, pest control, and fisheries. Models are a key ingredient in the analytical approaches developed in the book; however, the primary focus is not on mathematical methods, but on connections between models and data. The

methodological approaches discussed in the book will be useful to ecologists working with all taxonomic groups. Case studies have been selected from a wide variety of organisms, including plants (seed dispersal, spatial spread of clonal plants), insects, and vertebrates (primarily, fish, birds, and mammals).

Revolutions have shaped world politics for the last three hundred years. This volume shows why revolutions occur, how they unfold, and where they created democracies and dictatorships. Jack A. Goldstone presents the history of revolutions from America and France to the collapse of the Soviet Union, 'People Power' revolutions, and the Arab revolts.

What went wrong in imperial Rome, and how we can avoid it: "If you want to understand where America stands in the world today, read this." —Thomas E. Ricks The rise and fall of ancient Rome has been on American minds since the beginning of our republic. Depending on who's doing the talking, the history of Rome serves as either a triumphal call to action—or a dire warning of imminent collapse. In this "provocative and lively" book, Cullen Murphy points out that today we focus less on the Roman Republic than on the empire that took its place, and reveals a wide array of similarities between the two societies (The New York Times). Looking at the blinkered, insular culture of our capitals; the debilitating effect of bribery in public life; the paradoxical issue of borders; and the weakening of the body politic through various forms of privatization, Murphy persuasively argues that we most resemble Rome in the burgeoning corruption of our government and in our arrogant ignorance of the world outside—two things that must be changed if we are to avoid Rome's fate. "Are We Rome? is just about a perfect book. . . . I wish every politician would spend an evening with this book." —James Fallows

"Surprising and remarkable...Toggling between big ideas, technical details, and his personal intellectual journey, Greene writes a thesis suitable to both airplane reading and PhD seminars."—The Boston Globe Our brains were designed for tribal life, for getting along with a select group of others (Us) and for fighting off everyone else (Them). But modern times have forced the world's tribes into a shared space, resulting in epic clashes of values along with unprecedented opportunities. As the world shrinks, the moral lines that divide us become more salient and more puzzling. We fight over everything from tax codes to gay marriage to global warming, and we wonder where, if at all, we can find our common ground. A grand synthesis of neuroscience, psychology, and philosophy, Moral Tribes reveals the underlying causes of modern conflict and lights the way forward. Greene compares the human brain to a dual-mode camera, with point-and-shoot automatic settings ("portrait," "landscape") as well as a manual mode. Our point-and-shoot settings are our emotions—efficient, automated programs honed by evolution, culture, and personal experience. The brain's manual mode is its capacity for deliberate reasoning, which makes our thinking flexible. Point-and-shoot emotions make us social animals, turning Me into Us. But they also make us tribal animals, turning Us against Them. Our tribal

emotions make us fight—sometimes with bombs, sometimes with words—often with life-and-death stakes. A major achievement from a rising star in a new scientific field, *Moral Tribes* will refashion your deepest beliefs about how moral thinking works and how it can work better.

Between 1492 and 1914, Europeans conquered 84 percent of the globe. But why did Europe establish global dominance, when for centuries the Chinese, Japanese, Ottomans, and South Asians were far more advanced? In *Why Did Europe Conquer the World?*, Philip Hoffman demonstrates that conventional explanations—such as geography, epidemic disease, and the Industrial Revolution—fail to provide answers. Arguing instead for the pivotal role of economic and political history, Hoffman shows that if certain variables had been different, Europe would have been eclipsed, and another power could have become master of the world. Hoffman sheds light on the two millennia of economic, political, and historical changes that set European states on a distinctive path of development, military rivalry, and war. This resulted in astonishingly rapid growth in Europe's military sector, and produced an insurmountable lead in gunpowder technology. The consequences determined which states established colonial empires or ran the slave trade, and even which economies were the first to industrialize. Debunking traditional arguments, *Why Did Europe Conquer the World?* reveals the startling reasons behind Europe's historic global supremacy.

From 2020 Democratic presidential candidate Andrew Yang, a captivating account of how "a skinny Asian kid from upstate" became a successful entrepreneur, only to find a new mission: calling attention to the urgent steps America must take, including Universal Basic Income, to stabilize our economy amid rapid technological change and automation. The shift toward automation is about to create a tsunami of unemployment. Not in the distant future--now. One recent estimate predicts 45 million American workers will lose their jobs within the next twelve years--jobs that won't be replaced. In a future marked by restlessness and chronic unemployment, what will happen to American society? In *The War on Normal People*, Andrew Yang paints a dire portrait of the American economy. Rapidly advancing technologies like artificial intelligence, robotics and automation software are making millions of Americans' livelihoods irrelevant. The consequences of these trends are already being felt across our communities in the form of political unrest, drug use, and other social ills. The future looks dire-but is it unavoidable? In *The War on Normal People*, Yang imagines a different future--one in which having a job is distinct from the capacity to prosper and seek fulfillment. At this vision's core is Universal Basic Income, the concept of providing all citizens with a guaranteed income-and one that is rapidly gaining popularity among forward-thinking politicians and economists. Yang proposes that UBI is an essential step toward a new, more durable kind of economy, one he calls "human capitalism."

In *War and Peace and War*, Peter Turchin uses his expertise in evolutionary

biology to offer a bold new theory about the course of world history. Turchin argues that the key to the formation of an empire is a society's capacity for collective action. He demonstrates that high levels of cooperation are found where people have to band together to fight off a common enemy, and that this kind of cooperation led to the formation of the Roman and Russian empires, and the United States. But as empires grow, the rich get richer and the poor get poorer, conflict replaces cooperation, and dissolution inevitably follows. Eloquently argued and rich with historical examples, *War and Peace and War* offers a bold new theory about the course of world history with implications for nations today.

The gripping story of how the end of the Roman Empire was the beginning of the modern world The fall of the Roman Empire has long been considered one of the greatest disasters in history. But in this groundbreaking book, Walter Scheidel argues that Rome's dramatic collapse was actually the best thing that ever happened, clearing the path for Europe's economic rise and the creation of the modern age. Ranging across the entire premodern world, *Escape from Rome* offers new answers to some of the biggest questions in history: Why did the Roman Empire appear? Why did nothing like it ever return to Europe? And, above all, why did Europeans come to dominate the world? In an absorbing narrative that begins with ancient Rome but stretches far beyond it, from Byzantium to China and from Genghis Khan to Napoleon, Scheidel shows how the demise of Rome and the enduring failure of empire-building on European soil launched an economic transformation that changed the continent and ultimately the world.

What can the great crises of the past teach us about contemporary revolutions? Arguing from an exciting and original perspective, Goldstone suggests that great revolutions were the product of 'ecological crises' that occurred when inflexible political, economic, and social institutions were overwhelmed by the cumulative pressure of population growth on limited available resources. Moreover, he contends that the causes of the great revolutions of Europe—the English and French revolutions—were similar to those of the great rebellions of Asia, which shattered dynasties in Ottoman Turkey, China, and Japan. The author observes that revolutions and rebellions have more often produced a crushing state orthodoxy than liberal institutions, leading to the conclusion that perhaps it is vain to expect revolution to bring democracy and economic progress. Instead, contends Goldstone, the path to these goals must begin with respect for individual liberty rather than authoritarian movements of 'national liberation.' Arguing that the threat of revolution is still with us, Goldstone urges us to heed the lessons of the past. He sees in the United States a repetition of the behavior patterns that have led to internal decay and international decline in the past, a situation calling for new leadership and careful attention to the balance between our consumption and our resources. Meticulously researched, forcefully argued, and strikingly original, *Revolutions and Rebellions in the Early Modern World* is a

tour de force by a brilliant young scholar. It is a book that will surely engender much discussion and debate.

"This book identifies four distinct functions of American higher education that colleges and universities have acquired over the past two hundred years and that are integral to liberal democracy: social mobility, citizenship education, the discovery and communication of knowledge, and the cultivation of a pluralistic society. Each chapter takes up one of these functions to analyze and assess"--
The climate futurist presents a sobering analysis of America's future in the face of climate change—and how we can prepare to make the most of it. After decades of missed opportunities, the door to a sustainable future has closed, and the future we face now is one in which today's industrial civilization unravels in the face of uncontrolled climate change and resource depletion. What is the world going to look like when all these changes have run their course? John Michael Greer seeks to answer this question, using a clear-eyed analysis of ecology, economics, and history to discern what the next 500 years or so might look like. As globalization ends, the United States—and Western civilization—will enter the stages of decline and fall. Though *Dark Age America* offers an uncompromising assessment of our collective future, it is by no means without hope. Knowing where we're headed is a crucial step in responding to the challenges of the future and doing what we can now to help our descendants make the most of the world we're leaving them.

"A book that examines the growing population of mixed minority-white backgrounds and society"--

"*Secular Cycles* elaborates and expands upon the demographic-structural theory first advanced by Jack Goldstone, which provides an explanation of long-term oscillations. This book tests that theory's specific and quantitative predictions by tracing the dynamics of population numbers, prices and real wages, elite numbers and incomes, state finances, and sociopolitical instability. Turchin and Nefedov study societies in England, France, and Russia during the medieval and early modern periods, and look back at the Roman Republic and Empire. Incorporating theoretical and quantitative history, the authors examine a specific model of historical change and, more generally, investigate the utility of the dynamical systems approach in historical applications."--BOOK JACKET.

The field of political demography - the politics of population change - is dramatically underrepresented in political science. At a time when demographic changes - aging in the rich world, youth bulges in the developing world, ethnic and religious shifts, migration, and urbanization - are waxing as never before, this neglect is especially glaring and starkly contrasts with the enormous interest coming from policymakers and the media. "Ten years ago, [demography] was hardly on the radar screen," remarks Richard Jackson and Neil Howe of the Center for Strategic and International Studies, two contributors to this volume. "Today," they continue, "it dominates almost any discussion of America's long-term fiscal, economic, or foreign-policy direction." Demography is the most predictable of the social sciences: children born in the last five years will be the new workers, voters, soldiers, and potential insurgents of 2025 and the political elites of the 2050s. Whether in the West or the developing world, political scientists urgently need to understand the tectonics of demography in order to grasp the full context of today's political developments. This book begins to fill the gap from a global and historical perspective and with the hope that scholars and policymakers will take its insights on

board to develop enlightened policies for our collective future.

Many historical processes are dynamic. Populations grow and decline. Empires expand and collapse. Religions spread and wither. Natural scientists have made great strides in understanding dynamical processes in the physical and biological worlds using a synthetic approach that combines mathematical modeling with statistical analyses. Taking up the problem of territorial dynamics--why some polities at certain times expand and at other times contract--this book shows that a similar research program can advance our understanding of dynamical processes in history. Peter Turchin develops hypotheses from a wide range of social, political, economic, and demographic factors: geopolitics, factors affecting collective solidarity, dynamics of ethnic assimilation/religious conversion, and the interaction between population dynamics and sociopolitical stability. He then translates these into a spectrum of mathematical models, investigates the dynamics predicted by the models, and contrasts model predictions with empirical patterns. Turchin's highly instructive empirical tests demonstrate that certain models predict empirical patterns with a very high degree of accuracy. For instance, one model accounts for the recurrent waves of state breakdown in medieval and early modern Europe. And historical data confirm that ethno-nationalist solidarity produces an aggressively expansive state under certain conditions (such as in locations where imperial frontiers coincide with religious divides). The strength of Turchin's results suggests that the synthetic approach he advocates can significantly improve our understanding of historical dynamics.

Ages of Discord A Structural-Demographic Analysis of American History

It is widely understood that Charles Darwin's theory of evolution completely revolutionized the study of biology. Yet, according to David Sloan Wilson, the Darwinian revolution won't be truly complete until it is applied more broadly—to everything associated with the words “human,” “culture,” and “policy.” In a series of engaging and insightful examples—from the breeding of hens to the timing of cataract surgeries to the organization of an automobile plant—Wilson shows how an evolutionary worldview provides a practical tool kit for understanding not only genetic evolution but also the fast-paced changes that are having an impact on our world and ourselves. What emerges is an incredibly empowering argument: If we can become wise managers of evolutionary processes, we can solve the problems of our age at all scales—from the efficacy of our groups to our well-being as individuals to our stewardship of the planet Earth.

Who is seriously concerned about the state of the world today.

Are mass violence and catastrophes the only forces that can seriously decrease economic inequality? To judge by thousands of years of history, the answer is yes. Tracing the global history of inequality from the Stone Age to today, Walter Scheidel shows that it never dies peacefully. The Great Leveler is the first book to chart the crucial role of violent shocks in reducing inequality over the full sweep of human history around the world. The “Four Horsemen” of leveling—mass-mobilization warfare, transformative revolutions, state collapse, and catastrophic plagues—have repeatedly destroyed the fortunes of the rich. Today, the violence that reduced inequality in the past seems to have diminished, and that is a good thing. But it casts serious doubt on the prospects for a more equal future. An essential contribution to the debate about inequality, The Great Leveler provides important new insights about why inequality is so persistent—and why it is unlikely to decline anytime soon.

Do Cubans live longer than Americans? Are Scandinavians happier than the British? Do Oscar winners live longer than other actors? Does capitalism cause mental illness? Does inequality lead to murder? Would higher taxes make us slimmer, more trusting and more charitable? The Spirit Level Delusion shines the light of reason on some of the extraordinary claims made in favour of big government in the twenty-first century. Several books (The Spirit Level,

Happiness and Affluenza amongst others) have called for a radical shift in power from the individual to the state based on the supposedly devastating effects of wealth, economic growth and inequality. By examining all the available evidence, Christopher Snowden tests the theory that 'more equal' countries are healthier, happier and more successful. Through a sober assessment of the facts-including some inconvenient truths-The Spirit Level Delusion shows that the theory not only lacks empirical support but also fails the basic test of believability. "If you haven't read a book that made you laugh out loud on the bus or the Tube in a while, try Christopher Snowden's superb release, The Spirit Level Delusion. But the book's subtle humour is not the reason I am recommending it. The Spirit Level Delusion is, above all, a book that delivers and goes well beyond the promise of its subtitle 'fact-checking the left's new theory of everything'... It may well be that the next big battle for a free society will be fought against the new anti-wealth egalitarianism. Christopher Snowden has provided defenders of freedom with powerful ammunition." Kristian Niemietz, Institute of Economic Affairs "Snowden picks so many holes in the theory that were it a building it wouldn't be passed as structurally sound by the most crooked of third world local government surveyors... I wish that everyone who espoused The Spirit Level would read The Spirit Level Delusion, which explains just how dubious the science behind this grand theory is." Ed West, The Telegraph "The Spirit Level Delusion not only successfully and dramatically undermines much of the evidence in The Spirit Level, but also takes on the other fashionable opponents of economic growth... His engaging discussion unpicks the evidence of the anti-growth brigade and demonstrates that it is selective and partial. This book is excellent tube reading . Philip Booth, City AM

How to make your senior years healthy, safe, social, and stimulating. "Architect and author Chuck Durrett's recently released book Senior Cohousing Handbook comes at a time of high interest in greening, sustainable housing and affordable living concerns. Durrett's new book is a comprehensive guide for baby boomers wishing to continue vibrant, active lifestyles." - EPR Real Estate News "Make your senior years safe and socially fun with the idea of senior cohousing and a book on the topic that shows how seniors can custom-build their neighborhood to fit their needs. This is housing built by seniors, not for them, and emphasizes independence and social networking. Any library strong in gerontology or social science and many a general lending library needs this. - James A. Cox, The Midwest Book Review "As a Baby Boomer, I've joked for a few years that we'll all end up living communally again because Social Security will be broke...This is one of the better ways to envision it."-- Sacramento Bee No matter how rich life is in youth and middle age, the elder years can bring on increasing isolation and loneliness as social connections lessen, especially if friends and family members move away. Senior cohousing fills a niche for this demographic—the healthy, educated, and proactive adults who want to live in a social and environmentally vibrant community. These seniors are already wanting to ward off the aging

process, so they are unlikely to want to live in assisted housing. Senior cohousing revolves around custom-built neighborhoods organized by the seniors themselves in order to fit in with their real needs, wants, and aspirations for health, longevity, and quality of life. *Senior Cohousing* is a comprehensive guide to joining or creating a cohousing project, written by the US leader in the field. The author deals with all the psychological and logistical aspects of senior cohousing and addresses common concerns, fears, and misunderstandings. He emphasizes the many positive benefits of cohousing, including: Better physical, mental, emotional, and spiritual health Friendships and accessible social contact Safety and security Affordability Shared resources Successful aging requires control of one's life, and today's generation of seniors—the baby boomers—will find that this book holds a compelling vision for their future. Charles Durrett is a principal at McCamant & Durrett in Nevada City, California, a firm that specializes in affordable cohousing. He co-authored the groundbreaking *Cohousing* with his wife and business partner, Kathryn McCamant.

“A hugely valuable contribution. . . . In setting out a defence of the best in economics, Rodrik has also provided a goal for the discipline as a whole.”
—Martin Sandbu, *Financial Times*

In the wake of the financial crisis and the Great Recession, economics seems anything but a science. In this sharp, masterfully argued book, Dani Rodrik, a leading critic from within, takes a close look at economics to examine when it falls short and when it works, to give a surprisingly upbeat account of the discipline. Drawing on the history of the field and his deep experience as a practitioner, Rodrik argues that economics can be a powerful tool that improves the world—but only when economists abandon universal theories and focus on getting the context right. *Economics Rules* argues that the discipline's much-derided mathematical models are its true strength. Models are the tools that make economics a science. Too often, however, economists mistake a model for the model that applies everywhere and at all times. In six chapters that trace his discipline from Adam Smith to present-day work on globalization, Rodrik shows how diverse situations call for different models. Each model tells a partial story about how the world works. These stories offer wide-ranging, and sometimes contradictory, lessons—just as children's fables offer diverse morals. Whether the question concerns the rise of global inequality, the consequences of free trade, or the value of deficit spending, Rodrik explains how using the right models can deliver valuable new insights about social reality and public policy. Beyond the science, economics requires the craft to apply suitable models to the context. The 2008 collapse of Lehman Brothers challenged many economists' deepest assumptions about free markets. Rodrik reveals that economists' model toolkit is much richer than these free-market models. With pragmatic model selection, economists can develop successful antipoverty programs in Mexico, growth strategies in Africa, and intelligent remedies for domestic inequality. At once a forceful critique and defense of the discipline, *Economics Rules* charts a path toward a more humble but more effective

science.

Throughout history, humanity has borne witness to the political and moral challenges that arise when people place national identity above allegiance to geopolitical states or international communities. This book discusses the concept of nations and nationalism from social, philosophical, geological, theological and anthropological perspectives. It examines the subject through conflicts past and present, including recent conflicts in the Balkans and the Middle East, rather than exclusively focusing on theory. Above all, this fascinating and comprehensive work clearly shows how feelings of nationalism are an inescapable part of being human.

An "account of the origins of the deeply divided status quo and the people fighting for a more equal, less myopic America"--

The different ways that social change happens, from unleashing to nudging to social cascades. "Sunstein's book is illuminating because it puts norms at the center of how we think about change."—David Brooks, *The New York Times* How does social change happen? When do social movements take off? Sexual harassment was once something that women had to endure; now a movement has risen up against it. White nationalist sentiments, on the other hand, were largely kept out of mainstream discourse; now there is no shortage of media outlets for them. In this book, with the help of behavioral economics, psychology, and other fields, Cass Sunstein casts a bright new light on how change happens. Sunstein focuses on the crucial role of social norms—and on their frequent collapse. When norms lead people to silence themselves, even an unpopular status quo can persist. Then one day, someone challenges the norm—a child who exclaims that the emperor has no clothes; a woman who says “me too.” Sometimes suppressed outrage is unleashed, and long-standing practices fall. Sometimes change is more gradual, as “nudges” help produce new and different decisions—apps that count calories; texted reminders of deadlines; automatic enrollment in green energy or pension plans. Sunstein explores what kinds of nudges are effective and shows why nudges sometimes give way to bans and mandates. Finally, he considers social divisions, social cascades, and “partyism,” when identification with a political party creates a strong bias against all members of an opposing party—which can both fuel and block social change. From the #1 bestselling author of *Why Your World Is About to Get A Whole Lot Smaller*, a provocative, far-reaching account of how the middle class got stuck with the bill for globalization, and how the blowback—from Brexit to Trump to populist Europe—will change the developed world. Real wages in North America have not risen since the 1970s. Union membership has collapsed. Full-time employment is beginning to look like a quaint idea from the distant past. If it seems that the middle class is in retreat around the developed world, it is. Former CIBC World Markets Chief Economist Jeff Rubin argues that all this was foreseeable back when Canada, the United States and Mexico first started talking free trade. Labour argued then that manufacturing jobs would move to

Mexico. Free-trade advocates disagreed. Today, Canadian and American factories sit idle. More steel is used to make bottlecaps than cars. Meanwhile, Mexico has become one of the world's biggest automotive exporters. And it's not just NAFTA. Cheap oil, low interest rates, global deregulation and tax policies that benefit the rich all have the same effect: the erosion of the middle class. Growing global inequality is a problem of our own making, Rubin argues. And solving it won't be easy if we draw on the same ideas about capital and labour, right and left, that led us to this cliff. Articulating a vision that dovetails with the ideas of both Naomi Klein and Donald Trump, *The Expendables* is an exhilaratingly fresh perspective that is at once humane and irascible, fearless and rigorous, and most importantly, timely. GDP is growing, the stock market is up and unemployment is down, but the surprise of the book is that even the good news is good for only one percent of us.

Why do organisms become extremely abundant one year and then seem to disappear a few years later? Why do population outbreaks in particular species happen more or less regularly in certain locations, but only irregularly (or never at all) in other locations? Complex population dynamics have fascinated biologists for decades. By bringing together mathematical models, statistical analyses, and field experiments, this book offers a comprehensive new synthesis of the theory of population oscillations. Peter Turchin first reviews the conceptual tools that ecologists use to investigate population oscillations, introducing population modeling and the statistical analysis of time series data. He then provides an in-depth discussion of several case studies—including the larch budmoth, southern pine beetle, red grouse, voles and lemmings, snowshoe hare, and ungulates—to develop a new analysis of the mechanisms that drive population oscillations in nature. Through such work, the author argues, ecologists can develop general laws of population dynamics that will help turn ecology into a truly quantitative and predictive science. *Complex Population Dynamics* integrates theoretical and empirical studies into a major new synthesis of current knowledge about population dynamics. It is also a pioneering work that sets the course for ecology's future as a predictive science.

NATIONAL BESTSELLER • “A startling vision of what the cycles of history predict for the future.”—USA Weekend William Strauss and Neil Howe will change the way you see the world—and your place in it. With blazing originality, *The Fourth Turning* illuminates the past, explains the present, and reimagines the future. Most remarkably, it offers an utterly persuasive prophecy about how America's past will predict its future. Strauss and Howe base this vision on a provocative theory of American history. The authors look back five hundred years and uncover a distinct pattern: Modern history moves in cycles, each one lasting about the length of a long human life, each composed of four eras—or “turnings”—that last about twenty years and that always arrive in the same order. In *The Fourth Turning*, the authors illustrate these cycles using a brilliant analysis of the post-World War II period. First comes a High, a period of confident

expansion as a new order takes root after the old has been swept away. Next comes an Awakening, a time of spiritual exploration and rebellion against the now-established order. Then comes an Unraveling, an increasingly troubled era in which individualism triumphs over crumbling institutions. Last comes a Crisis—the Fourth Turning—when society passes through a great and perilous gate in history. Together, the four turnings comprise history's seasonal rhythm of growth, maturation, entropy, and rebirth. The Fourth Turning offers bold predictions about how all of us can prepare, individually and collectively, for America's next rendezvous with destiny.

"One of the most important books on political regimes written in a generation."-Steven Levitsky, New York Times-bestselling author of *How Democracies Die*A new understanding of how and why early democracy took hold, how modern democracy evolved, and what this teaches us about the futureHistorical accounts of democracy's rise tend to focus on a How our collective intelligence has helped us to evolve and prosper Humans are a puzzling species. On the one hand, we struggle to survive on our own in the wild, often failing to overcome even basic challenges, like obtaining food, building shelters, or avoiding predators. On the other hand, human groups have produced ingenious technologies, sophisticated languages, and complex institutions that have permitted us to successfully expand into a vast range of diverse environments. What has enabled us to dominate the globe, more than any other species, while remaining virtually helpless as lone individuals? This book shows that the secret of our success lies not in our innate intelligence, but in our collective brains—on the ability of human groups to socially interconnect and learn from one another over generations. Drawing insights from lost European explorers, clever chimpanzees, mobile hunter-gatherers, neuroscientific findings, ancient bones, and the human genome, Joseph Henrich demonstrates how our collective brains have propelled our species' genetic evolution and shaped our biology. Our early capacities for learning from others produced many cultural innovations, such as fire, cooking, water containers, plant knowledge, and projectile weapons, which in turn drove the expansion of our brains and altered our physiology, anatomy, and psychology in crucial ways. Later on, some collective brains generated and recombined powerful concepts, such as the lever, wheel, screw, and writing, while also creating the institutions that continue to alter our motivations and perceptions. Henrich shows how our genetics and biology are inextricably interwoven with cultural evolution, and how culture-gene interactions launched our species on an extraordinary evolutionary trajectory. Tracking clues from our ancient past to the present, *The Secret of Our Success* explores how the evolution of both our cultural and social natures produce a collective intelligence that explains both our species' immense success and the origins of human uniqueness.

In the 21st century, Norway, Denmark and Sweden remain the icons of fair societies, with high economic productivity and quality of life. But they are also an

enigma in a cultural-evolutionary sense: though by no means following the same socio-economic formula, they are all cases of a "non-hubristic", socially sustainable modernity that puzzles outside observers. Using Nordic welfare states as its laboratory, Sustainable Modernity combines evolutionary and socio-cultural perspectives to illuminate the mainsprings of what the authors call the "well-being society". The main contention is that the Nordic uniqueness is not merely the outcome of one particular set of historical institutional or political arrangements, or sheer historical luck; rather, the high welfare creation inherent in the Nordic model has been predicated on a long and durable tradition of social cooperation, which has interacted with global competitive forces. Hence the socially sustainable Nordic modernity should be approached as an integrated and tightly orchestrated ecosystem based on a complex interplay of cooperative and competitive strategies within and across several domains: normative-cultural, socio-political and redistributive. The key question is: Can the Nordic countries uphold the balance of competition and cooperation and reproduce their resilience in the age of globalization, cultural collisions, the digital economy, the fragmentation of the work/life division, and often intrusive EU regulation? With contributors providing insights from the humanities, the social sciences and evolutionary science, this book will be of great interest to students and scholars of political science, sociology, history, institutional economics, Nordic studies and human evolution studies.

A look at the top 300 most powerful players in world capitalism, who are at the controls of our economic future. Who holds the purse strings to the majority of the world's wealth? There is a new global elite at the controls of our economic future, and here former Project Censored director and media monitoring sociologist Peter Phillips unveils for the general reader just who these players are. The book includes such power players as Mark Zuckerberg, Bill Gates, Jeff Bezos, Jamie Dimon, and Warren Buffett. As the number of men with as much wealth as half the world fell from sixty-two to just eight between January 2016 and January 2017, according to Oxfam International, fewer than 200 super-connected asset managers at only 17 asset management firms—each with well over a trillion dollars in assets under management—now represent the financial core of the world's transnational capitalist class. Members of the global power elite are the management—the facilitators—of world capitalism, the firewall protecting the capital investment, growth, and debt collection that keeps the status quo from changing. Each chapter in *Giants* identifies by name the members of this international club of multi-millionaires, their 17 global financial companies—and including NGOs such as the Group of Thirty and the Trilateral Commission—and their transnational military protectors, so the reader, for the first time anywhere, can identify who constitutes this network of influence, where the wealth is concentrated, how it suppresses social movements, and how it can be redistributed for maximum systemic change.

A wholly new perspective on the literature and art of the 1930s by a leading

scholar of the period.

What was history's biggest empire? Or the tallest building of the ancient world? What was the average life expectancy in medieval Byzantium? The average wage in Old Kingdom Egypt? Where did scientific writing first emerge? What was the bloodiest ritual human sacrifice ever? We are used to thinking about history in terms of stories. Yet we understand our own world through data: vast arrays of statistics that reveal the workings of our societies. So, join the radical historians Peter Turchin and Dan Hoyer for a dive into the numbers that reveal the true shape of the past. Drawing on their own Seshat project, a staggeringly ambitious attempt to log each piece of demographic and econometric information that can be reliably estimated for every society that has ever existed, *Figuring Out The Past* does more than tell the story of the past: it shows you the large-scale patterns.

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