

Access Free Gross Anatomy Of The Brain And Cranial Nerves Exercise 14

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Discovering the Brain **The Brain: A Very Short Introduction** *The Private Life of the Brain* **The Brain Book** **The Brain** *Electric Fields of the Brain* **Evolution of the Brain** **Rhythms of the Brain** **Great Myths of the Brain** **The Brain from Inside Out** **Book of the Brain and how it Works** **Functional Mapping of the Brain in Vascular Disorders** **The Brain Book** **The Lives of the Brain** **Brain Facts** **The Little Book of Big Stuff about the Brain** *How the Brain Works* *Biomechanics of the Brain* *The Brain Book* *The Brain and Its Self* **How the Brain Works** *The Physics of the Mind and Brain Disorders* *Philosophy of the Brain* **The Brain and Its Functions** **Anatomy of the Brain** **Anatomical Chart** **The Brain** *The Heart of the Brain* **The Cerebral Circulation** **Atlas of Regional Anatomy of the Brain Using MRI** *Cognitive Neuroscience* *A History of the Human Brain* *You've Got Nerve!* **The Brain: 10 Things You Should Know** **Brock's Injuries of the Brain and Spinal Cord and Their Coverings** **The Brain and Its Physiology; a Critical Disquisition of the Methods of Determining the Relations Subsisting Between the Structure and Functions of the Encephalon** **Big Brain Book** **The Synaptic Organization of the Brain** **Kinematics Of The Brain Activities Vol. V** **Incognito** **Human Brain Student's Self-Test Coloring Book**

The Brain and Its Self Mar 15 2021 The main message of this monograph is that the appearance of the mammalian brain with the ability to acquire drives ensured the development of social life, and eventually led to the evolution of the human society. This most sophisticated form of organized life on earth is still in the trial and error phase of its development. It seeks to outgrow the myth-directed era of its history and come to its final state, the ration-directed human society.

Functional Mapping of the Brain in Vascular Disorders Nov 22 2021 This book contains the contributions to the symposium "Functional Mapping of the Brain in Vascular Disorders", held at the Thirteenth World Congress of Neurology, September 1-6, 1985 in Hamburg, FRG. I have to thank the contributors to this symposium for submitting their manuscripts long before the congress so that the printed proceedings could be distributed to the audience. I hope that this will enable the participants in this symposium not only to recall the vivid presentation of the lectures and the highlights of the discussions, but also to widen their knowledge of the topics dealt with during the symposium by rereading the chapters on the various issues. I would also like to express my thanks to the company UCB, Kerpen, FRG, who supported the symposium and the printing of these proceedings. W. -D. HEISS Cologne, July 1985 Contents The Purpose of Functional Mapping in Focal Cerebral Ischemia W. -D. Heiss 1 Positron Emission Tomography Versus Nuclear Magnetic Resonance Imaging? M. M. Ter-Pogossian (With 1 Figure) 5 Aims on Phosphorus-31 Magnetic Resonance Imaging K. Kogure, H. Ohtomo, S. Matsui, and H. Kohno (With 10 Figures) 15 In Vivo Nuclear Magnetic Resonance Imaging of Sodium-23 in the Human Head S. K. Hilal, A. A. Maudsley, J. B. Ra, H. E. Simon, P. Roschmann, S. Wittekoek, Z. H. Cho, and S. K. Mun (With 5 Figures) 29 Uncoupling of Flow and Metabolism in Infarcted Tissue T. Jones, R. J. S. Wise, R. S. J. Frackowiak, J. M.

Human Brain Student's Self-Test Coloring Book Jun 25 2019 Anyone who requires detailed knowledge of the structures and functions of the human brain needs this self-test coloring book. It includes more than 350 illustrations that give a sharp and realistic view of the human brain and nervous system, examining its constituent parts and how they all work. The physical task of coloring in the illustrations makes an impression on your mind, allowing you to remember the shape, location, and purpose of each part of the brain. Pages lay flat for easy coloring, labels are left blank so you can test your knowledge as you color, and answers are located at the bottom of the page. After you're finished, visualizing these areas becomes much easier, leading to greater memorization and recall. Medical and healthcare students—as well as practitioners—will want to get their hands on this concise, interactive reference to the fascinating human brain.

The Brain Book Apr 15 2021 It's a wrinkly, spongy mass the size of a cauliflower that sits in our heads and controls everything we do! Welcome to the world of the brain... What is the brain made of? How does it work? Why do we need one at all? Discover the answers to these questions and much more in this fun, fact-packed introduction to the brain. Filled with colourful illustrations and bite-sized chunks of information, this ebook covers everything from the anatomy of the brain and nervous system to how information is collected and sent around the body. Other topics include how we learn, memory, thinking, emotions, animal brains, sleep, and even questions about the brain that are yet to be answered. With entertaining illustrated characters, clear diagrams, and fascinating photographs, children will love learning about their minds and this all-important organ. The Brain Book is an ideal introduction to the brain and nervous system. Perfect for budding young scientists, it is a great addition to any STEAM library.

The Brain and Its Functions Nov 10 2020

Discovering the Brain Nov 03 2022 The brain ... There is no other part of the human anatomy that is so intriguing. How does it develop and function and why does it sometimes, tragically, degenerate? The answers are complex. In *Discovering the Brain*, science writer Sandra Ackerman cuts through the complexity to bring this vital topic to the public. The 1990s were declared the "Decade of the Brain" by former President Bush, and the neuroscience community responded with a host of new investigations and conferences. *Discovering the Brain* is based on the Institute of Medicine conference, Decade of the Brain: Frontiers in Neuroscience and Brain Research. *Discovering the Brain* is a "field guide" to the brain—an easy-to-read discussion of the brain's physical structure and where functions such as language and music appreciation lie. Ackerman examines: How electrical and chemical signals are conveyed in the brain. The mechanisms by which we see, hear, think, and pay attention—and how a "gut feeling" actually originates in the brain. Learning and memory retention, including parallels to computer memory and what they might tell us about our own mental capacity. Development of the brain throughout the life span, with a look at the aging brain. Ackerman provides an enlightening chapter on the connection between the brain's physical condition and various mental disorders and notes what progress can realistically be made toward the prevention and treatment of stroke and other ailments. Finally, she explores the potential for major advances during the "Decade of the Brain," with a look at medical imaging techniques—what various technologies can and cannot tell us—and how the public and private sectors can contribute to continued advances in neuroscience. This highly readable volume will provide the public and policymakers—and many scientists as well—with a helpful guide to understanding the many discoveries that are sure to be announced throughout the "Decade of the Brain."

Brock's Injuries of the Brain and Spinal Cord and Their Coverings Jan 01 2020

Kinematics Of The Brain Activities Vol. V Aug 27 2019 Plasticity establishes a permanent connectivity of the synapses in more rigid networks, which when excited, all will communicate together. Elasticity maintains an instant connectivity between neural networks by bringing synapses in a suitable communication distance. The other way of internal communication in brain is through the nerve fibers when two neural network configurations in a far distance can resonate together. The integration of these types of communications is the mean that the brain functions.

How the Brain Works Jun 17 2021 The simplest, most visual guide to the brain - ever. Are men's and women's brains really different? Why are teenagers impulsive and rebellious? And will it soon be possible to link our brains together via the Cloud? Drawing on the latest neuroscience research, this visual guide makes the hidden workings of the human brain simple to understand. *How the Brain Works* begins with an introduction to the brain's anatomy, showing you how to tell your motor cortex from your mirror neurons. It moves on to function, explaining how the brain works constantly and unnoticed to regulate heartbeat and breathing, and how it collects information to produce the experiences of sight, sound, smell, taste, and touch. The chapters that follow cover memory and learning, consciousness and personality, and emotions and communication. With clear, easy-to-understand graphics and packed with fascinating facts, 'How the Brain Works' demystifies the complex processes of the human brain.

The Brain and Its Physiology; a Critical Disquisition of the Methods of Determining the Relations Subsisting Between the Structure and Functions of the Encephalon Nov 30 2019

The Brain from Inside Out Jan 25 2022 Is there a right way to study how the brain works? Following the empiricist's tradition, the most common approach involves the study of neural reactions to stimuli presented by an experimenter. This 'outside-in' method fueled a generation of brain research and now must confront hidden assumptions about causation and concepts that may not hold neatly for systems that act and react. György Buzsáki's *The Brain from Inside Out* examines why the outside-in framework for understanding brain function have become stagnant and points to new directions for understanding neural function. Building upon the success of *Rhythms of the Brain*, Professor Buzsáki presents the brain as a foretelling device that interacts with its environment through action and the examination of action's consequence. Consider that our brains are initially filled with nonsense patterns, all of which are gibberish until grounded by action-based interactions. By matching these nonsense "words" to the outcomes of action, they acquire meaning. Once its circuits are "calibrated" by action and experience, the brain can disengage from its sensors and actuators, and examine "what happens if" scenarios by peeking into its own computation, a process that we refer to as cognition. *The Brain from Inside Out* explains why our brain is not an information-absorbing coding device, as it is often portrayed, but a venture-seeking explorer constantly controlling the body to test hypotheses. Our brain does not process information: it creates it.

Atlas of Regional Anatomy of the Brain Using MRI Jun 05 2020 The volume provides a unique review of the essential topographical anatomy of the brain from an MRI perspective, correlating high-quality anatomical plates with the corresponding high-resolution MRI images. The book includes a historical review of brain mapping and an

analysis of the essential reference planes used for the study of the human brain. Subsequent chapters provide a detailed review of the sulcal and the gyral anatomy of the human cortex, guiding the reader through an interpretation of the individual brain atlas provided by high-resolution MRI. The relationship between brain structure and function is approached in a topographical fashion with analysis of the necessary imaging methodology and displayed anatomy. The central, perisylvian, mesial temporal and occipital areas receive special attention. Imaging of the core brain structures is included. An extensive coronal atlas concludes the book. Neuroscientists, neuroradiologists, neurologists, neurosurgeons and students of human behavior should find this book useful guiding them to a better understanding of the localization of brain function.

The Brain Book Oct 22 2021 First published in 1980. Routledge is an imprint of Taylor & Francis, an informa company.

Philosophy of the Brain Dec 12 2020 "What is the mind?" "What is the relationship between brain and mind?" These are common questions. But "What is the brain?" is a rare question in both the neurosciences and philosophy. The reason for this may lie in the brain itself: Is there a "brain problem"? In this fresh and innovative book, Georg Northoff demonstrates that there is in fact a "brain problem". He argues that our brain can only be understood when its empirical functions are directly related to the modes of acquiring knowledge, our epistemic abilities and inabilities. Drawing on the latest neuroscientific data and philosophical theories, he provides an empirical-epistemic definition of the brain. Northoff reveals the basic conceptual confusion about the relationship between mind and brain that has so obstinately been lingering in both neuroscience and philosophy. He subsequently develops an alternative framework where the integration of the brain within body and environment is central. This novel approach plunges the reader into the depths of our own brain. The "Philosophy of the Brain" that emerges opens the door to a fascinating world of new findings that explore the mind and its relationship to our very human brain. (Series A)

You've Got Nerve! Mar 03 2020 Provides comprehensive information on the role the brain and nerves play in the body science of humans and animals.

Electric Fields of the Brain May 29 2022 This work investigates the connections between psychology and physiology. Topics include synaptic sources, electrode placement, choice of reference, volume conduction, power and coherence, projection of scalp potentials to dura surface, dynamic signatures of conscious experience and more.--[Source inconnue].

The Brain: A Very Short Introduction Oct 02 2022 "How does the brain work? Michael O'Shea provides an accessible introduction to the key questions and current state of brain research, and shows that, though we know a surprising amount, we are still far from having a complete understanding. The topics he discusses range from how we sense things and how memories are stored, to the evolution of brains and nervous systems from primitive organisms, as well as altered mental states, brain-computer hybrids, and the future of brain research."--BOOK JACKET.

The Brain: 10 Things You Should Know Jan 31 2020 Uncover the mind-blowing complexities of the brain and how it affects our personalities, behaviours and more. Written by Professor of Cognitive Neuroscience at UCL, Sophie Scott, and composed of ten mind-blowing yet accessible essays, The Brain guides you through the astounding complexities of the organ that makes you, you. From diving into the networks of neurons that are vital to our functioning, to the way our brains differ from one another and how neuroscience is shaping up for the future; this book is a guide to our most powerful and awe-inspiring body part. If you have ever wondered what's going on inside your head (or someone else's), this book will be a fascinating and enthralling read.

The Lives of the Brain Sep 20 2021 Though we have other distinguishing characteristics (walking on two legs, for instance, and relative hairlessness), the brain and the behavior it produces are what truly set us apart from the other apes and primates. And how this three-pound organ composed of water, fat, and protein turned a mammal species into the dominant animal on earth today is the story John S. Allen seeks to tell.

The Heart of the Brain Aug 08 2020 How hormonal signals in one small structure of the brain—the hypothalamus—govern our physiology and behavior. As human beings, we prefer to think of ourselves as reasonable. But how much of what we do is really governed by reason? In this book, Gareth Leng considers the extent to which one small structure of the neuroendocrine brain—the hypothalamus—influences what we do, how we love, and who we are. The hypothalamus contains a large variety of neurons. These communicate not only through neurotransmitters, but also through peptide signals that act as hormones within the brain. While neurotransmitter signals tend to be ephemeral and confined by anatomical connectivity, the hormone signals that hypothalamic neurons generate are potent, wide-reaching, and long-lasting. Leng explores the evolutionary origins of these remarkable neurons, and where the receptors for their hormone signals are found in the brain. By asking how the hypothalamic neurons and their receptors are regulated, he explores how the hypothalamus links our passions with our reason. The Heart of the Brain shows in an accessible way how this very small structure is very much at the heart of what makes us human.

The Cerebral Circulation Jul 07 2020 This presentation describes structural and functional properties of the cerebral circulation that are unique to the brain, an organ with high metabolic demands, and the need for tight water and ion homeostasis. Autoregulation is pronounced in the brain, with myogenic, metabolic, and neurogenic mechanisms contributing to maintain relatively constant blood flow during both increases and decreases in pressure. In addition, unlike peripheral organs where the majority of vascular resistance resides in small arteries and arterioles, large extracranial and intracranial arteries contribute significantly to vascular resistance in the brain. The prominent role of large arteries in cerebrovascular resistance helps maintain blood flow and protect downstream vessels during changes in perfusion pressure. The cerebral endothelium is also unique in that its barrier properties are in some way more like epithelium than endothelium in the periphery. The cerebral endothelium, known as the blood-brain barrier, has specialized tight junctions that do not allow ions to pass freely and has very low hydraulic conductivity and transcellular transport. This special configuration modifies Starling's forces in the brain such that ions retained in the vascular lumen oppose water movement due to hydrostatic pressure. Tight water regulation is necessary in the brain because it has limited capacity for expansion within the skull. Increased intracranial pressure due to vasogenic edema can cause severe neurologic complications and death. This chapter will review these special features of the cerebral circulation and how they contribute to the physiology of the brain. This volume is a printed version of a work that appears in the Colloquium Digital Library of Life Sciences. Colloquium titles cover all of cell and molecular biology and biomedicine, including the neurosciences, from the advanced undergraduate and graduate level up to the post-graduate and practicing researcher level. They offer concise, original presentations of important research and development topics, published quickly, in digital and print formats. For more information, visit www.morganclaypool.com

How the Brain Works Feb 11 2021 Not just another standard introduction to neuroanatomy, How the Brain Works is an innovative and fun way to learn about the function and dysfunction of the central nervous system, as explained in nine easy-to-understand "lectures." This exciting new addition to the "How it Works" series does away with the use of exhaustive details and tedious definitions to provide an understandable and scientifically sound overview of the human brain. This book is neither an outline nor a summary, but an informal approach to the relationship between physiology and manifest behavior, including all essential elements covered in most courses. Students will find this book to be the perfect introduction to their neuroscience courses, as well as a quick review for exam. Professionals will enjoy the way in which this complex topic is addressed in a simple and straightforward manner, and the general reader will satisfy a basic curiosity about the brain and its role within the central nervous system.

Evolution of the Brain Apr 27 2022 Sir John Eccles, a distinguished scientist and Nobel Prize winner who has devoted his scientific life to the study of the mammalian brain, tells the story of how we came to be, not only as animals at the end of the hominid evolutionary line, but also as human persons possessed of reflective consciousness.

Incognito Jul 27 2019 If the conscious mind--the part you consider to be you--is just the tip of the iceberg, what is the rest doing? In this sparkling and provocative book, renowned neuroscientist David Eagleman navigates the depths of the subconscious brain to illuminate its surprising mysteries. Why can your foot move halfway to the brake pedal before you become consciously aware of danger ahead? Is there a true Mel Gibson? How is your brain like a conflicted democracy engaged in civil war? What do Odysseus and the subprime mortgage meltdown have in common? Why are people whose names begin with J more likely to marry other people whose names begin with J? And why is it so difficult to keep a secret? Taking in brain damage, plane spotting, dating, drugs, beauty, infidelity, synesthesia, criminal law, artificial intelligence, and visual illusions, Incognito is a thrilling subsurface exploration of the mind and all its contradictions.

Great Myths of the Brain Feb 23 2022 Great Myths of the Brain introduces readers to the field of neuroscience by examining popular myths about the human brain. Explores commonly-held myths of the brain through the lens of scientific research, backing up claims with studies and other evidence from the literature Looks at enduring myths such as "Do we only use 10% of our brain?", "Pregnant women lose their mind", "Right-brained people are more creative" and many more. Delves into myths relating to specific brain disorders, including epilepsy, autism, dementia, and others Written engagingly and accessibly for students and lay readers alike, providing a unique introduction to the study of the brain Teaches readers how to spot neuro hype and neuro-nonsense claims in the media

The Synaptic Organization of the Brain Sep 28 2019 This is a thorough revision of the standard text on local circuits in the different regions of the brain. In this fifth edition, the results of the mouse and human genome projects are incorporated for the first time. Also for the first time, the reader is oriented to supporting neuroscience databases. Among the new advances covered are 2-photon confocal laser microscopy of dendrites and dendritic spines, biochemical analyses, and dual patch and multielectrode recordings, applied together with an increasing range of behavioral and gene-targeting methods.

The Little Book of Big Stuff about the Brain Jul 19 2021 Designed as a cover to cover read which leaves the reader with a working knowledge of the human brain from its first evolution 2 billion years ago to the present day. A light-hearted look at the brain aimed at a lay audience. It especially focuses on the neurobiology of emotional intelligence and in many ways is the neurobiological explanation of why emotional intelligence is so important to health, wealth and happiness.

Big Brain Book Oct 29 2019

Rhythms of the Brain Mar 27 2022 This book provides eloquent support for the idea that spontaneous neuron activity, far from being mere noise, is actually the source of our cognitive abilities. In a sequence of "cycles," György Buzsáki guides the reader from the physics of oscillations through neuronal assembly organization to complex cognitive processing and memory storage. His clear, fluid writing--accessible to any reader with some scientific knowledge--is supplemented by extensive footnotes and

references that make it just as gratifying and instructive a read for the specialist. The coherent view of a single author who has been at the forefront of research in this exciting field, this volume is essential reading for anyone interested in our rapidly evolving understanding of the brain.

The Brain Jun 29 2022 The authors of the most cited neuroscience publication, *The Rat Brain in Stereotaxic Coordinates*, have written this introductory textbook for neuroscience students. The text is clear and concise, and offers an excellent introduction to the essential concepts of neuroscience. Based on contemporary neuroscience research rather than old-style medical school neuroanatomy Thorough treatment of motor and sensory systems A detailed chapter on human cerebral cortex The neuroscience of consciousness, memory, emotion, brain injury, and mental illness A comprehensive chapter on brain development A summary of the techniques of brain research A detailed glossary of neuroscience terms Illustrated with over 130 color photographs and diagrams This book will inspire and inform students of neuroscience. It is designed for beginning students in the health sciences, including psychology, nursing, biology, and medicine. Clearly and concisely written for easy comprehension by beginning students Based on contemporary neuroscience research rather than the concepts of old-style medical school neuroanatomy Thorough treatment of motor and sensory systems A detailed chapter on human cerebral cortex Discussion of the neuroscience of conscience, memory, cognitive function, brain injury, and mental illness A comprehensive chapter on brain development A summary of the techniques of brain research A detailed glossary of neuroscience terms Illustrated with over 100 color photographs and diagrams

The Brain Book Jul 31 2022 This science ebook of award-winning print edition uses the latest findings from neuroscience research and brain-imaging technology to take you on a journey into the human brain. CGI artworks and brain MRI scans reveal the brain's anatomy in unprecedented detail. Step-by-step sequences unravel and simplify the complex processes of brain function, such as how nerves transmit signals, how memories are laid down and recalled, and how we register emotions. The book answers fundamental and compelling questions about the brain: what does it mean to be conscious, what happens when we're asleep, and are the brains of men and women different? Written by award-winning author Rita Carter, this is an accessible and authoritative reference book to a fascinating part of the human body. Thanks to improvements in scanning technology, our understanding of the brain is changing fast. Now in its third edition, the *Brain Book* provides an up-to-date guide to one of science's most exciting frontiers. With its coverage of over 50 brain-related diseases and disorders - from strokes to brain tumours and schizophrenia - it is also an essential manual for students and healthcare professionals.

Brain Facts Aug 20 2021

Book of the Brain and how it Works Dec 24 2021 "This visually astonishing story takes children on a journey into and through the brain. Simple but beautifully illustrated metaphors explain the different jobs that our brains do, and how they use brain cells to accomplish them. From the senses to sleep, memories to making decisions, this book brings the wonder of brains and brain science to life"--Publisher's description.

The Brain Sep 08 2020 'This is the story of how your life shapes your brain, and how your brain shapes your life.' Join renowned neuroscientist David Eagleman on a whistle-stop tour of the inner cosmos. It's a journey that will take you into the world of extreme sports, criminal justice, genocide, brain surgery, robotics, and the search for immortality. On the way, amidst the infinitely dense tangle of brain cells and their trillions of connections, something emerges that you might not have expected to see: you.

The Private Life of the Brain Sep 01 2022 An acclaimed neuroscientist explores the physical basis of emotions in the brain, suggesting that emotions are the foundation upon which the brain builds the unique mind.

Biomechanics of the Brain May 17 2021 This new edition presents an authoritative account of the current state of brain biomechanics research for engineers, scientists and medical professionals. Since the first edition in 2011, this topic has unquestionably entered into the mainstream of biomechanical research. The book brings together leading scientists in the diverse fields of anatomy, neuroimaging, image-guided neurosurgery, brain injury, solid and fluid mechanics, mathematical modelling and computer simulation to paint an inclusive picture of the rapidly evolving field. Covering topics from brain anatomy and imaging to sophisticated methods of modeling brain injury and neurosurgery (including the most recent applications of biomechanics to treat epilepsy), to the cutting edge methods in analyzing cerebrospinal fluid and blood flow, this book is the comprehensive reference in the field. Experienced researchers as well as students will find this book useful.

The Physics of the Mind and Brain Disorders Jan 13 2021 This book covers recent advances in the understanding of brain structure, function and disorders based on the fundamental principles of physics. It covers a broad range of physical phenomena occurring in the brain circuits for perception, cognition, emotion and action, representing the building blocks of the mind. It provides novel insights into the devastating brain disorders of the mind such as schizophrenia, dementia, autism, aging or addictions, as well as into the new devices for brain repair. The book is aimed at basic researchers in the fields of neuroscience, physics, biophysics and clinicians in the fields of neurology, neurosurgery, psychology, psychiatry.

Anatomy of the Brain Anatomical Chart Oct 10 2020 Anatomy of the Brain with illustrations by renowned medical illustrator Keith Kasnot is one of our most popular charts. Beautiful, clear illustrations make the structures of the brain come alive. All illustrations are clearly labeled and vividly colored. Illustrations include: Central image showing major structures, cerebral hemispheres and key cranial nerves Arteries of the Brain (base and right side views) Venous Sinuses Lobes of the brain Cross-section of meninges & venous sinuses Typical nerve and glial cells, Circulation of cerebrospinal fluid Made in the USA. Available in the following versions : 20" x 26" heavy paper laminated with grommets at top corners ISBN 9781587790898 20" x 26" heavy paper ISBN 9781587790904

Cognitive Neuroscience May 05 2020 This volume describes the new field of cognitive neuroscience - the study of what happens in the brain when we perceive, think, reason, remember, and act. Focusing on the human brain, Passingham looks at the most recent research in the field, the modern brain imaging technologies, and what the images can and can't tell us.

A History of the Human Brain Apr 03 2020 "A History of the Human Brain is a unique, enlightening, and provocative account of the most significant question we can ask about ourselves." —Richard Wrangham, author of *The Goodness Paradox* Just 125,000 years ago, humanity was on a path to extinction, until a dramatic shift occurred. We used our mental abilities to navigate new terrain and changing climates. We hunted, foraged, tracked tides, shucked oysters—anything we could do to survive. Before long, our species had pulled itself back from the brink and was on more stable ground. What saved us? The human brain—and its evolutionary journey is unlike any other. In *A History of the Human Brain*, Bret Stetka takes us on this far-reaching journey, explaining exactly how our most mysterious organ developed. From the brain's improbable, watery beginnings to the marvel that sits in the head of *Homo sapiens* today, Stetka covers an astonishing progression, even tackling future brainy frontiers such as epigenetics and CRISPR. Clearly and expertly told, this intriguing account is the story of who we are. By examining the history of the brain, we can begin to piece together what it truly means to be human.