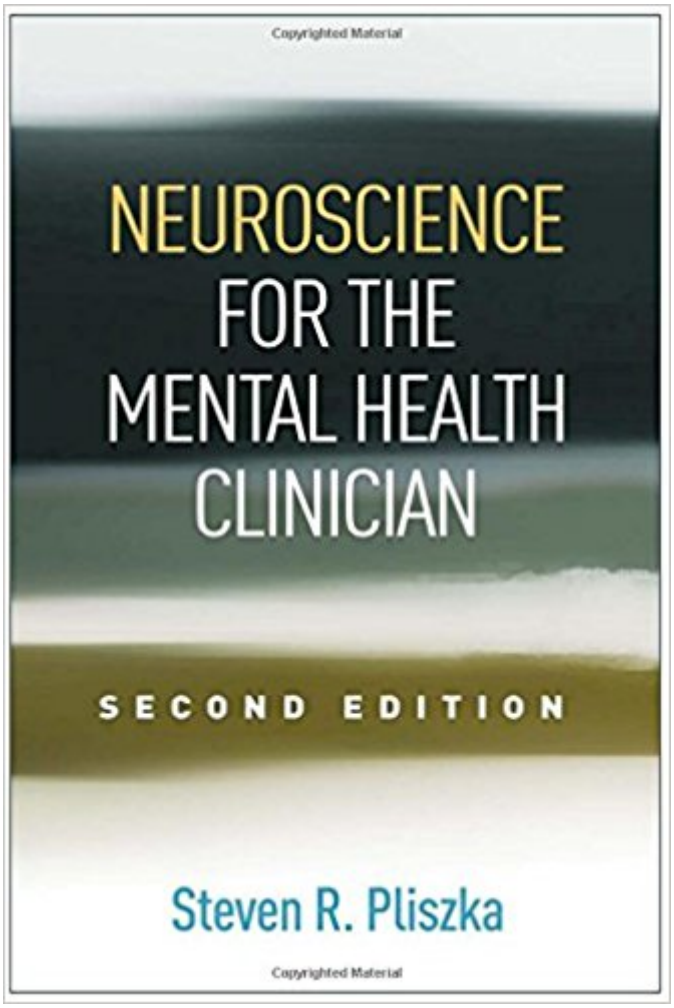
Neuroscience For The Mental Health Clinician, Second Edition



Synopsis

Accessible and succinct, this book has given thousands of clinicians and students the basic understanding of neuroscience that is essential in contemporary mental health practice. Steven R. Pliszka synthesizes current knowledge on the neurobiological bases of major psychiatric disorders. He explores the brain systems that underlie cognition, emotions, and behavior; how disturbances in these systems can lead to psychopathology; and the impact of genetic and environmental risk factors across development. The book also addresses the ways that both pharmacological and psychosocial treatments act on the brain as they bring about a reduction in symptoms. Illustrations include 93 black-and-white figures and 14 color plates. New to This Edition *Incorporates over a decade of important advances in brain science. *Heightened focus on brain networks. *Cutting-edge discussions of genetics and epigenetics, the biological impact of stress, neurotransmitters, novel depression treatments, and other timely topics. *Detailed chapters on autism spectrum disorder and dementia. *Numerous new and revised figures.

Book Information

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Customer Reviews

"Impressive. Pliszka combines the warm, engaging style of an experienced teacher with the depth and breadth of a scientific leader. He carefully describes seminal studies of brain function in both healthy and disordered populations. This book provides a refreshing and dispassionately candid view of what is currently known about the relationship between behavior and neural networks, as well as how far we still need to go to improve understanding and treatment. The second edition

incorporates state-of-the-art imaging studies, large-scale genetic and epigenetic experiments, and optogenetic advancements. This book could easily be used in clinical neuroscience courses for non-neuroscience graduate programs like clinical psychology. It also serves as a desk reference for practicing clinicians who wish to understand the latest technological breakthroughs."--Scott A. Langenecker, PhD, Department of Psychiatry, University of Illinois at Chicago "Since the first edition of this book was published, behavioral neuroscience has exploded with new research. The second edition focuses on how genetics, development, and the environment interact to shape brain networks and the implications of those networks. This book is ideal as a text for a neurobiology seminar for psychiatry residents, child psychiatry fellows, medical students, or psychology students, or as independent reading for clinicians who wish to understand how brain structure and function affect emotions and behavior. It offers cutting-edge, understandable explanations of current ideas regarding the biology of mental illness."--Mina K. Dulcan, MD, Department of Psychiatry and Behavioral Sciences, Northwestern University, Lurie Children's Hospital "Addressing the neuroanatomy and neuropathological underpinnings of such disorders as attention-deficit/hyperactivity disorder, autism spectrum disorder, and mood disorders, the second edition of this extremely valuable resource has a new emphasis on networks. Pliszka underscores our burgeoning knowledge that the brain does not work in isolated units, but rather in concert across brain regions. He presents emerging empirical findings and transactional ideas that deepen our understanding of how the environment influences the brain, and vice versa. This book belongs in every practitioner's library."--Margaret Semrud-Clikeman, PhD, ABPdN, Division Director, Clinical Behavioral Neuroscience, University of Minnesota Medical School"This thoroughly updated edition is an extremely valuable introduction to the neurobiology of psychiatric disorders. I highly recommend it to anyone interested in understanding the neurobiological basis of psychiatric disorders.Ã¢â ¬Â• (Doody’s Review Service 2016-11-18)Ã¢â ¬Å“This is an excellent book....The author ties his presentation of neurobiology and of genetics directly to topics of enormous clinical interest--topics such as memory, fear, pleasure, and aggression. And more than that, he explains the neurobiological bases of both the symptomatic presentation and the successful treatment of disorders ranging from depression and mania through personality disorders." (on the first edition) (Bulletin of the Menninger Clinic 2005-04-01)"The material in this book is highly relevant....I would like to see this book as required reading for all our medical students and psychiatric residents and would highly recommend it to biologically oriented psychologists, doctoral-level pharmacists, and other suitably prepared students and clinicians." (on the first edition) (Psychiatric Services 2004-08-01)"As suggested by its title, Neuroscience for the Mental Health Clinician, by Steven R.

Pliszka, is an important introductory resource for mental health clinicians who are interested in understanding how neurobiological advances can lead to new treatment and social policies for those who suffer from mental illness. However, the book's comprehensive coverage of neuroanatomy makes it an excellent resource for anyone who wants to understand how the brain can affect behavior....The author has done a commendable job in trying to describe, in simple language, how the brain influences behavior and what impact that has on our understanding of the etiology of mental illness." (on the first edition) (Psychological Medicine 2004-01-01)"This book is well written and crafted in an engaging style that captures the reader's attention....The book does an excellent job of covering as much as possible on an extremely broad and intricate topic....An excellent book that is highly recommended for all mental health professionals. It is also a great introductory text for teaching in psychiatric residency programs, particularly for residents who are interested in the study of genetics and mental illness." (on the first edition) (Archives of Psychiatry and Psychotherapy 2003-01-01)Ã¢â ¬Å“Dr. Pliszka has made an important contribution in helping mental health clinicians to orient themselves to the imperatives of neuroscience and the possibilities for future advancement." (on the first edition) (Community Mental Health Journal 2006-04-01)

Steven R. Pliszka, MD, is Dielmann Distinguished Professor and Chair of the Department of Psychiatry of the University of Texas Health Science Center at San Antonio, where he served as Chief of the Division of Child and Adolescent Psychiatry from 1995-2015. Throughout his career, Dr. Pliszka has been involved in a wide range of administrative, research, clinical, and educational activities. His research focuses on attention deficit/hyperactivity disorder (ADHD) and related disorders; he has been involved with numerous clinical trials of medications for ADHD and currently uses functional magnetic imaging to try to understand the mechanisms of action of ADHD treatments. He has also been involved in several projects to integrate mental health services into pediatric primary care. Dr. Pliszka maintains an active clinical practice and serves as the attending psychiatrist for two residential facilities for children with severe behavioral and emotional disorders.

Good purchase & timely delivery

I got this book at a recommendation of a friend. Initillay going through the first few chapter I was impressed, specially with the chapter draw the brain but later the book becomes very dry and it’s too much information, not sure whether that’s required or not. I am a first year resident still have not

finished the book but I was hoping for a simpler and to the point book. It would interesting to know other people's reviews

Neuroscience for the Mental Health Clinician, Second Edition Clinician's Thesaurus, 6th Edition: The Guide to Conducting Interviews and Writing Psychological Reports (Clinician's Toolbox) The Wheelchair Evaluation: A Clinician's Guide: A Clinician's Guide Authoritative Guide to Self-Help Resources in Mental Health, Revised Edition (The Clinician's Toolbox) Clinical Neuroanatomy and Neuroscience: With STUDENT CONSULT Access, 6e (Fitzgerald, Clincal Neuroanatomy and Neuroscience) 6th (sixth) Edition by FitzGerald MD PhD DSC MRIA, M. J. T., Gruener MD MBA, Gr [2011] Fundamental Neuroscience, Fourth Edition (Squire,Fundamental Neuroscience) Theoretical Neuroscience: Computational and Mathematical Modeling of Neural Systems (Computational Neuroscience Series) The Cognitive Neuroscience of Vision (Fundamentals of Cognitive Neuroscience) ADHD: A Mental Disorder or A Mental Advantage (2nd Edition) (ADHD Children, ADHD Adults, ADHD Parenting, ADD, Hyperactivity, Cognitive Behavioral Therapy, Mental Disorders) Train Your Brain & Mental Strength : How to Train Your Brain for Mental Toughness & 7 Core Lessons to Achieve Peak Mental Performance: (Special 2 In 1 Exclusive Edition) Texas Mental Health Law: A Sourcebook for Mental Health Professionals Psychiatric Mental Health Nursing, 5e (Psychiatric Mental Health Nursing (Fortinash)) Handbook of Forensic Mental Health Services (International Perspectives on Forensic Mental Health) Psychiatric Mental Health Nursing (Frisch, Psychiatric Mental Health Nursing) Psychiatric Mental Health Nursing, 3e (Psychiatric Mental Health Nursing (Fortinash)) Health Communication: From Theory to Practice (J-B Public Health/Health Services Text) - Key words: health communication, public health, health behavior, behavior change communications Neuroscience of Clinical Psychiatry: The Pathophysiology of Behavior and Mental Illness Transformational Leadership in Nursing, Second Edition: From Expert Clinician to Influential Leader Exercise For The Brain: 70 Neurobic Exercises To Increase Mental Fitness & Prevent Memory Loss: How Non Routine Actions And Thoughts Improve Mental Health Mental Health and Mental Illness