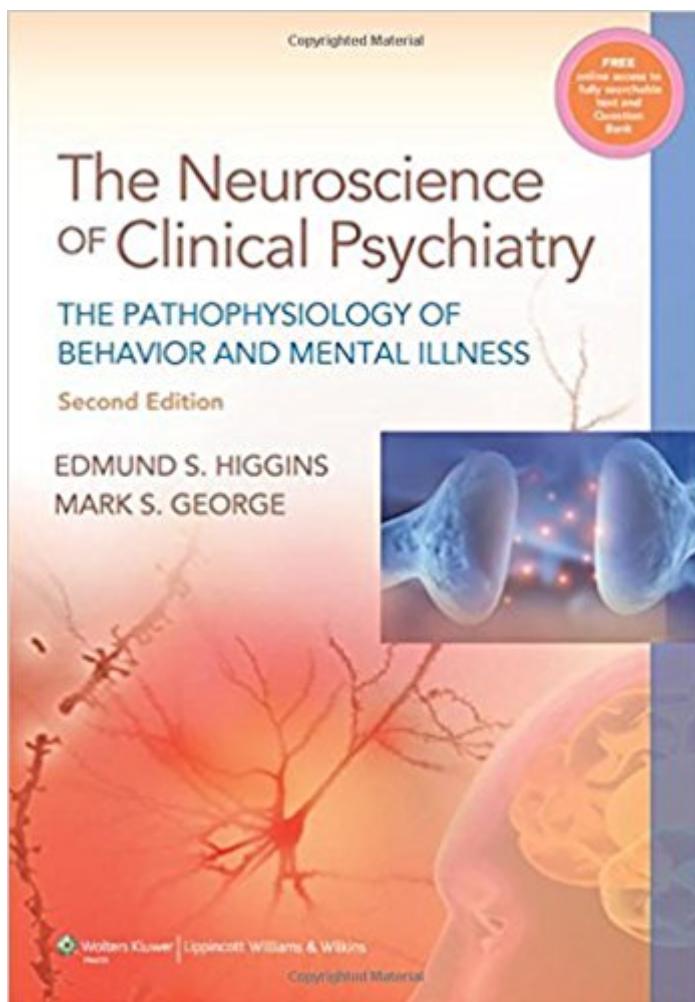


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# Neuroscience Of Clinical Psychiatry: The Pathophysiology Of Behavior And Mental Illness



## Synopsis

Neuroscience of Clinical Psychiatry: The Pathophysiology of Behavior and Mental Illness, Second EditionLittle information from this complex and evolving field of neuroscience has been readily accessible to the clinical psychiatrist on the front lines of patient care, let alone to the resident preparing for the Boards. There thus has existed a need for a concise and accessible text that builds a bridge between the two disciplines. To meet this need, the fully updated Second Edition of this straightforward and reader-friendly reference provides readers with a basic link between the science of the brain and the treatment of common mental health disorders. Both comprehensive and easy to follow, this textbook is being used in psychology graduate programs, nurse practitioner training and psychiatry residencies. It is useful for board exam review as well as for the practicing clinician looking to keep pace with the latest advances in neuroscience. The book's clear and direct language will enhance your understanding of basic neuroscientific concepts underlying commonly encountered disorders, and the effects of brain chemistry on common behaviors. Practical applications, insightful illustrations, and review questions following each chapter help solidify your grasp of neuropathology and its link to mental health disorders and their treatment. Explore the neurologic underpinnings of psychiatric disorders! Updated content lets you keep pace with recent advances. Straightforward discussions help you grasp complex concepts with ease. Concise presentation improves comprehension and retention of essential material. Abundant illustrations and tables provide vital information at a glance. End-of-chapter review questions offer abundant opportunities for self-paced review. Solution site with online access to fully searchable text.

## Book Information

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## Customer Reviews

"This is an outstanding introduction to neuroscience for psychiatry residents and clinicians trained prior to the paradigm shift. I have been using this book for my first-year medical school course, "Brain & Behavior," which helps the integration with neuroanatomy and neurophysiology courses, and the students overwhelmingly have enjoyed the book. The body of knowledge that it attempts to convey should be the minimum requirement for every psychiatrist!" Doody's Reviews Michael Joel Schrift, D.O., M.A. (University of Illinois at Chicago College of Medicine) Weighted Numerical Score: 97 - 5 Stars!

My master's level introduction to clinical neuroscience course used the first edition of this book as its primary textbook. It is a small, light weight, concise introduction to clinical neuroscience. The content is engaging and easy to read. This is definitely a textbook you can read cover to cover. There are images on nearly every page, however they are not full color but rather printed in black, white and red. The pages themselves are a glossy material, which makes it difficult to highlight or take notes in the book itself. The book is divided into four sections: 1. Neuroscience model (20% of book) 2. Modulators (20% of book) 3. Behaviors (40% of book) 4. Disorders (20% of book) The second edition of this book includes three new chapters: (1) inflammation and immunity, (2) the electrical brain, and (3) genetics and epigenetics. If you are debating about whether to purchase this edition or the first edition, I would go ahead and spend the extra money on this one. The chapter on genetics is very useful with the explosion of new research in the field of psychogenomics. This book only covers the neurobiology of four specific psychiatric disorders: depression, anxiety, schizophrenia, and Alzheimer's disease. Throughout the book, the authors do touch on other disorders but it's not as in depth as the ones mentioned above. If you are interested in a more thorough analysis of the pathophysiology of each disorder, I would check out *Neurobiology of Mental Illness*. Finally, the book does cover a great deal of behavioral neuroscience: pain, pleasure, appetite, anger, sleep, sex, attachment, memory, intelligence, and attention. One thing that I think it lacks is an overview of the brain's motor system. It does not cover the extrapyramidal or the pyramidal motor systems. This would be helpful for mental health clinicians prescribing antipsychotic medication.

This book has been tremendously helpful to prepare my clinical neuroscience review course for

psychiatry residents. It is very comprehensive and targets the most relevant themes of interest for the clinician. This book is unique at explaining difficult concepts and ideas in a plain manner and relate them to important issues of clinical practice for the general psychiatrists. It also has a number of curious, illustrative, creative examples and anecdotes that keeps the reader engaged. The illustrations are very helpful for its study. There is a great need for clinical psychiatrists to become more engaged with clinical neuroscience. A book like this should be quasi mandatory for any trainee or psychiatrist that did not get good quality training in neuroscience during their schooling years.

Why must most experts make such a interesting field into such a dry read? Have no fear of that happening with this textbook. I looked forward to want humorous quips I would find hidden amidst a wealth of important information. Dr. Higgins makes a extremely complex area enjoyable and fairly easy to understand (compared to similar materials).

Superbly written and comprehensive, this book is like attending a series of lectures by a knowledgeable and aimable professor. Touched with humor, the author avoids the ponderous prose that can be so deadening. The series of questions that conclude each chapter add the opportunity to review and relearn the chapter's contents. Through it all, the book is the perfect review or introduction to what it's title claims--the neuroscience of clinical psychiatry

This is a very good book especially for undergraduate level students or as a primer for graduate students interested in understanding the role of neurobiology and neuroscience in regards to mental illness and psychopathology; this means looking at brain structure and functions as it relates to thoughts feelings and behaviors ranging from the neuro-typical to the pathological. Very good book.

great

Great book!

Great educational book on latest clinical psychiatry. Perfect for the clinician!

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