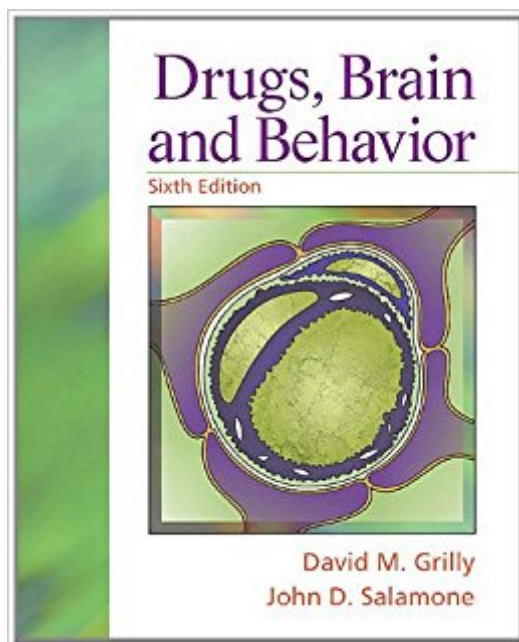


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# Drugs, Brain, And Behavior (6th Edition)



## Synopsis

The use and abuse of drugs, and their effects on behavior    The book integrates information from the various fields, including pharmacology, neuroscience, psychology and psychiatry, to provide a broad perspective on how drugs affect behavioral processes.    Drugs, Brain and Behavior describes the psychological effects of drugs, and how drug actions can be understood in terms of effects on the brain. This discussion includes drugs that are used for the treatment of psychiatric disorders, as well as common drugs of abuse. Rather than simply focusing on drug dependence and addiction, this text also places considerable emphasis on drug treatments for various psychiatric disorders such as: schizophrenia, depression, anxiety, parkinsonism, ADHD and Alzheimer's disease. It also combines neurotransmitter-based approaches to the field with perspectives that emphasize specific drugs and distinct drug categories. Intended for Undergraduate courses in Psychopharmacology and/or Drugs and Behavior, this new edition of Drugs, Brain, and Behavior provides an overview of the field of psychopharmacology, which focuses on the behavioral effects of drugs.    Teaching & Learning Experience    Personalize Learning    The new MySearchLab with eText delivers proven results in helping students succeed and provides engaging experiences that personalize learning.    Improve Critical Thinking    Content encourages students to consider the psychological effects of drugs and how drug actions can be understood in terms of effects on the brain.    Engage Students    Updated references and figures reflect current trends and data.    Explore Research    Discussions of pharmacotherapy in psychiatry, current neurochemical hypotheses, and general phenomena of drug dependence and use, among other topics.    Support Instructors - MyTest, PowerPoints, and an instructor's manual offer additional support for instructors.    Note: MySearchLab with eText does not come automatically packaged with this text. To purchase MySearchLab with eText, please visit: [www.mysearchlab.com](http://www.mysearchlab.com) or you can purchase a valuepack of the text + MySearchLab with eText (at no additional cost). VP: 0205234992 / 9780205234998

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## Customer Reviews

The book content is based on the most recent information from the most authoritative, peer-reviewed sources available. As a result, it is the most readable and informative source with respect to understanding drug action in the nervous system as well as new treatments for a variety of mental and behavioral disorders. This up-to-date and readable third edition provides an exceptional overview of psychoactive drugs. The information is organized from the general to the specific, beginning with a historical perspective and subsequently moving through drug classifications, approaches to drug tolerance, dependence and abuse, psychological and behavioral effects, pharmacokinetics, mechanisms of action, common side effects, and current issues regarding drugs and their uses. Professor Grilly enhances readability by replacing highly esoteric clinical and medical jargon with more common terms and bold-face definitions. Psychologists, pharmacologists, medical employees, social workers, and drug abuse counselors. --This text refers to an out of print or unavailable edition of this title.

Author #1: After earning his doctorate in experimental psychology at the University of New Mexico in 1971, Dr. Grilly spent the next two years investigating the behavioral effects of cannabinoids after acute and chronic exposure in chimpanzees at Holloman Air Force Base in Alamogordo, New Mexico. He then moved to Cleveland, Ohio, to take a position as a faculty member in the Psychology Department at Cleveland State University, where he spent the remainder of his 38 year career. His research at CSU, primarily with rats, involved investigations of a variety of psychoactive drugs on a variety of behaviors. These included investigating the potential use of signal detection theory in assessing nociception and opiate withdrawal, determining the effects of drugs on attentional processes (e.g., naltrexone, diprenorphine, morphine, barbiturates, amphetamine, cocaine, fluoxetine, nicotine, pemoline) and conditioned avoidance/escape behavior (e.g., clonidine, chlorpromazine, morphine), determining whether the effects of psychostimulants (e.g., cocaine, amphetamine) on sustained attention change with aging, and comparing the effects

of very low to very high doses of amphetamine in rats with those shown in humans. He also conducted research with humans investigating the effect of marijuana on visual short term memory and the changes in people's perceptions of the effects of marijuana on driving.

Author #2: Dr. John Salamone received his bachelor's degree from Rockhurst University in Kansas City, Missouri in 1978. He was a psychology major and biology minor. Dr. Salamone then entered the psychobiology program at Emory University in Atlanta, Georgia, and graduated with a Ph.D. in 1982. For postdoctoral training, Dr. Salamone received a National Science Foundation grant, and studied at Cambridge University in England. Dr. Salamone stayed in England for several more years, working at Merck, Sharpe and Dohme pharmaceutical laboratories. Upon returning to the United States, Dr. Salamone joined the Behavioral Neuroscience department at the University of Pittsburgh in 1986, and joined the Psychology Department at UConn in the fall of 1988. Dr. Salamone is now a Board of Trustees Distinguished Professor; he also is the chair of the Interdisciplinary Program in Neuroscience, and the head of the Behavioral Neuroscience Division of the Psychology Department. Dr. Salamone's research is largely in the fields of behavioral neuroscience and psychopharmacology, with an emphasis on studies related to Parkinson's disease, depression, motivation, and effort-related decision making. Dr. Salamone has been the research advisor for more than 40 undergraduate honors students at the University of Connecticut. He was inducted as a member of the Connecticut Academy of Arts and Sciences in 2002, and he has received the University of Connecticut Alumni Association Award for Excellence in Teaching. His daughter, Isabella Salamone, is currently an honor student studying biology at the University of Pittsburgh. Dr. Salamone's hobbies include travel, astronomy, book collecting and cooking.

I have to read this for my Psychopharmacology class. It's an amazing book and I plan on re-reading it in the summer. It covers everything you need to know about how drugs interact with your body. For instance, I didn't know that we had a Blood Brain Barrier, and I didn't know that ANY drug can pass through the placenta into the fetus. It's an amazing book. I took off a star because of the layout. It's just really cramped tight and doesn't hold my interest. I understand there's so much information but it's a bit overwhelming with the way they have the book format everything.

This book has very little white space. Paragraphs are smushed together and it takes effort to concentrate and read. Content is good. Presentation could be better.

Highlights in the book distract me a little but other than that, it's fine

This book is absolutely great! It is truly a complete book in all of its aspects! Whenever I don't fully understand something in class I always refer back to this book and it's a piece of cake! This book came in excellent condition just as mentioned and even before its shipping date! Absolutely recommend!

Just as expected! Fast delivery! Thanks so much!

This book is much too technical for a grad student not directly in this field, and not technical enough for the PhD. If you're looking for reference material, I suggest looking somewhere else.

This book was used as a textbook. The book contained detailed descriptions of the brain and how drugs or medications affect it. Good information!

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