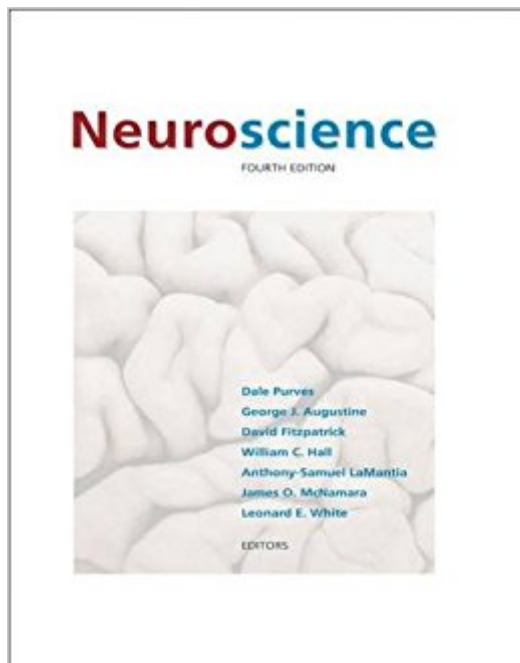


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Neuroscience, Fourth Edition



Synopsis

Neuroscience is a comprehensive textbook created primarily for medical, premedical, and undergraduate students. In a single concise and approachable volume, the text guides students through the challenges and excitement of this rapidly changing field. The book's length and accessibility of its writing are a successful combination that has proven to work equally well for medical students and in undergraduate neuroscience courses. Being both comprehensive and authoritative, the book is also appropriate for graduate and professional use.

Book Information

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Customer Reviews

Neuroscience is a remarkably well-organized and well-written text. It is highly accessible and easy to follow, which is impressive given the amount of detail and depth it provides. Each step of the way, explanations of complex concepts are accompanied by easy-to-follow graphics that on the one hand enhance deep understanding, and, on the other, make it easy to even just browse or skim. The book does an excellent job of bridging between molecular and molar levels of analysis, between basic and clinical science, and between the big picture and discrete detail. In other words, it keeps you grounded and allows you to understand how basic processes relate to cognition, emotion, and behavior, as well as to various forms of dysfunction. ... I am definitely keeping a copy of Neuroscience on my desk, along with Lezak et al., Strauss et al., and all the other classics. --Yana Suchy, JINSAs is the tradition with this book, current neuroanatomical and neurophysiological concepts are explained in detail and fully illustrated. The addition of current concepts on neuroplasticity and behavior, as well as the web resources, significantly enrich this edition. This is a

worthy and affordable book for neuroscience students. ... An excellent contribution to the study of neuroscience, deserving of its place in neurology, neurosurgery, and neurosciences libraries.

--Celso Agner, Doody's Book Review

DALE PURVES, M.D. Duke University, USA GEORGE J. AUGUSTINE, Ph.D. Duke University, USA DAVID FITZPATRICK, Ph.D. Duke University, USA WILLIAM C. HALL ANTHONY-SAMUEL LAMANTIA, University of North Carolina, Chapel Hill JAMES O. MCNAMARA, Duke University, USA LEONARD E. WHITE, Duke University, USA

Arrived in the condition I expected it to be in, on time. This is an older edition, and doesn't translate over to the 5th edition page numbers if you need this for class. (I have it as a supplement to my online course, so for me it's totally fine.)

This textbook is for people with a biology background who want to start learning about the specific area of neuroscience in greater detail - it is not a general introductory textbook and wouldn't be very easy to understand without having already learned some of the concepts. That being said, this book is very useful for people just learning about neuroscience in depth. It goes through certain signaling pathways in great depth, provides excellent diagrams, and is generally well-written. There is ample margin space for annotations and I find the organization to generally be logical and easy to understand. I would recommend this book to anyone who needs a general reference book in the specialized area of neuroscience.

This is exactly what I needed. It was not in perfect condition, but still very good condition. I am very happy with this purchase and the price was absolutely worth it. I recommend you buy from this company, they tell the truth!

As a grad student (not in neuroscience or biology)/former curriculum developer, I think this book could really be improved to be less taxing for students to read and process. I had no problem whatsoever with the content but the chapter-internal organization is really difficult to follow, with random seeming section ordering, boxes interrupting the text, etc. The key terms are in bold but in many cases are not clearly defined in the text, or defined at all. Frequently they refer to relevant parts of the brain, but there is only rarely an accompanying diagram of the anatomy, so you have to flip back and forth to the appendix. The prose has a lot of jargon, and it often seems like the author

does not get to the point -- or does not articulate it clearly -- until the end of the paragraph (the "Thus, ..." sentences) or the end of the section ("In summary,..."), at which point I have to go back and reread everything again with that particular umbrella point in mind. Maybe this makes me sound dumb, but I wish there were shorter sentences with fewer unnecessarily big words, clear opening sentences, etc. so I could focus my effort on learning and not on decoding the text and figuring out what it wants me to pay attention to. I do get the sense that this book was intended for someone other than me, a biology undergrad for example, so maybe herein lies the problem. The summaries and overviews do help, but it would be nice to have some key points instead (bullet points corresponding to sections of the chapter, or a list of learning objectives?). Sometimes I felt like I wasn't sure what was important and what wasn't. Also, I was really disappointed that I could not access any of the online quizzes without being associated with a class. The chapters should really include a set of questions at the end to help you absorb the material, or at least help you think about it a bit.

This by far the best book I've purchased for my Neuroscience classes. It's very interesting, and it has lots of details.

I bought this for a class, and in fact, I finished reading the entire book. I would say it is quite clear in relating possibly difficult subjects, and the order is logical. The topics I felt it was most successful in are: synaptic plasticity and sensory systems. For cognitive neuroscience, this particular book was not as detailed as the other book by the same author, which deals specifically with that field. Some minor typographical errors in this book, but about 10 out of the entire text is not bad.

Great deal.

this is the only textbook I ever kept after the class ended. It's clear and easy to read, unlike many neuroscience texts (which is sad because the subject itself is so cool). Can't recommend enough

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