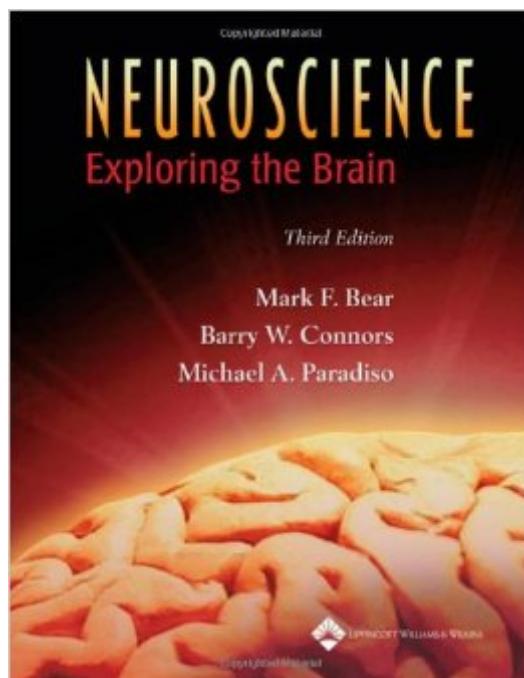


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# Neuroscience: Exploring The Brain, 3rd Edition



## **Synopsis**

Widely praised for its student-friendly style and exceptional artwork and pedagogy, Neuroscience: Exploring the Brain is a leading undergraduate textbook on the biology of the brain and the systems that underlie behavior. This edition provides increased coverage of taste and smell, circadian rhythms, brain development, and developmental disorders and includes new information on molecular mechanisms and functional brain imaging. Path of Discovery boxes, written by leading researchers, highlight major current discoveries. In addition, readers will be able to assess their knowledge of neuroanatomy with the Illustrated Guide to Human Neuroanatomy, which includes a perforated self-testing workbook. This edition's robust ancillary package includes a bound-in student CD-ROM, an Instructor's Resource CD-ROM, and resources online.

## **Book Information**

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## **Customer Reviews**

Overall this is an excellent text for an undergraduate level course. It is the 3rd book on the subject that I've read and the best of the lot. It is much more comprehensive than the others, but does not get into the details of some graduate level books. The content deserves a 5 star, but I gave it 4 stars overall because of a couple shortcomings. The graphics don't convey the 3 dimensionality of the anatomy. All of my anatomy texts do a far better job representing internal structures, and this becomes extremely important. 2nd, there are some areas overemphasized, some omissions, and a problem with the order of presentation. The chapter on attention tells me that one of the authors researches in this area. Sorry, it doesn't warrant a chapter. You know you're on the wrong track

when you spend an entire page just explaining the minutiae of a single experiment. Second, there was no mention of intelligence. Yes it's a hotbutton issue. No excuse for ignoring it. Finally, issues were raised, such as fear or emotions, that use the same structure. It would be helpful to discuss the anatomy in more detail early on instead of introducing structures piecemeal. Overall an excellent book.

This book is really good for a general understanding of neuroscience and it has good pictures. This is really a beginning undergraduate level book and can be used as supplemental material for basic concepts when a student is starting to become more advanced, but it does not go into much detail. It is well-written and consequently easy to read. If you're looking for an introduction to neuroscience this is a good book. If you're looking for a reference book for higher level neuroscience this book won't meet standards.

This is a wonderful textbook, and like only a very few others I have read, is well written and interesting enough to be read as an excellent book. It is quite difficult to put down and I think most readers will find themselves reading more than is required for their class or reading it for pleasure alone. It is not a complete exhaustive reference on every topic in neuroscience, but it does not pretend to be (and I think it would lose some of its appeal to the intended audience if it did). For example, the brief mention of glial cells in chapter 2 was a little disappointing, then again, I have a textbook of close to a thousand pages on glial cells alone, but I think a little more coverage could have been given. But, there are additional resources given, which allows interested students to further explore concepts they have been introduced to in this text. There is something to be said for a text that can be read cover to cover, with little strain, and give the reader a clear overview of the field.

This book builds up from a brief history of the neuroscience from time of Hippocrates and then moves to how it is practiced today. The authors have done full justice. Although I am a physician and have about half a dozen books on neuroanatomy, I ordered just because it was so enjoyable to read on "Google review" and "look inside this book". A truly enjoyable and worthy addition to my collection. I retain things very well if I study them in detail-as if I was discovering them for the first time. Very few books are able to satisfy me that way and this is indeed one of them. Highly recommended. PS: Don't get me wrong: it is NOT a Neuroanatomy text but it certainly will make learning neuroanatomy and physiology and functioning of brain much more enjoyable and easy for

the reader.

Bear, Connors, Paradiso--"Neuroscience: Exploring the Brain" 3rd Ed. provides an excellent presentation of some very complex materials. Many drawings illustrate the physiological processes. An accompanying DVD provides an adjunct to the learning process--learning by reading the text and learning by listening. Each chapter takes about 30 minutes to read. The book is well written and while technical is still comprehensible for the neophyte. There is an accompanying website for extended tutorials.

Bought this for a neuroanatomy class. It is a very easy to read book, and has a great way of explaining complicated topics. I found that it was also an easy book to study, as the chapter is broken down into relevant sections to make it easy to make flashcards on each concept. I don't think I would have just bought this for fun to read, but it was a great book for a very difficult class.

The textbook makes an excellent use of multimedia and in-text graphics. This is a very visual textbook, which aids in the student's ability to understand the concepts discussed. The content isn't precisely specific, but there is enough scientific content to satisfy those interested in the physiology of the brain.

The book is beautifully composed, with quite lots of facts, together making a serious, very well-rounded overview of the whole discipline. There are many details but they do not overwhelm because they are cleverly spread through the text, with stories of scientists and discoveries mixed in for extra readability. Despite being easily readable and covering a broad topic, it is considerably deep. Every chapter forms a solid starting point for specialized study of appropriate sub-discipline. After reading this, you can continue with any specialized article or monography without fear of drowning.

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