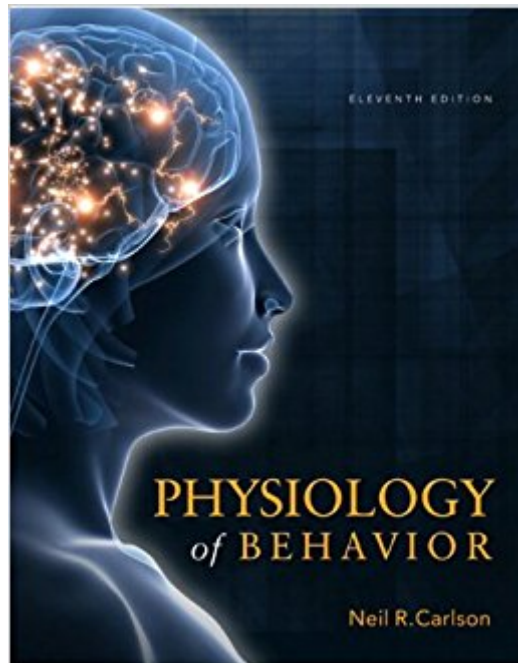


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Physiology Of Behavior (11th Edition)



Synopsis

The most current, comprehensive, and teachable text for behavioral neuroscience

Thoughtfully organized, *Physiology of Behavior* provides a scholarly yet accessible portrait of the dynamic interaction between biology and behavior. Close collaboration between the author and a talented artist has resulted in beautiful, accurate, and pedagogically effective illustrations in every chapter.

No other author compares to Carlson when it comes to thoroughly updating research. This revision incorporates the latest discoveries in behavioral neuroscience, and includes over 400 new references. Integrated for the first time with MyPsychLab, featuring an interactive Virtual Brain, chapter study plans, flashcards, and other resources, Carlson's 11th edition offers students an immersive and engaging experience.

A better teaching and learning experience

This program will provide a better teaching and learning experience for you and your students. Here's how:

- Personalize Learning - The new MyPsychLab delivers proven results in helping students succeed, provides engaging experiences that personalize learning, and comes from a trusted partner with educational expertise and a deep commitment to helping students and instructors achieve their goals.
- Improve Critical Thinking - Section Summaries with Thought Questions help students test their understanding of the materials.
- Engage Students - A close collaboration between the author and a talented artist has resulted in beautiful, accurate, and pedagogically effective illustrations in every chapter.
- Explore Research - In light of the rapidly evolving field of behavioral neuroscience, over 400 new references are included in this edition.
- Support Instructors - With resources such as Instructor's Manual, Test Bank, highly visual PowerPoint Slides, and for the first time ever, the new MyPsychLab with ClassPrep, instructors have everything they need to teach behavioral neuroscience. All of these materials are available to be packaged with the text upon request.

Note: MyPsychLab does not come automatically packaged with this text. To purchase MyPsychLab, please visit www.mypsychlab.com or you can purchase a ValuePack of the text + MyPsychLab (at no additional cost). ValuePack ISBN-10: 0205889786 / ValuePack ISBN-13: 9780205889785.

Book Information

Hardcover: 768 pages

Publisher: Pearson; 11 edition (January 22, 2012)

Language: English

ISBN-10: 0205239390

ISBN-13: 978-0205239399

Product Dimensions: 8.8 x 1.2 x 10.9 inches

Shipping Weight: 3.6 pounds

Average Customer Review: 4.2 out of 5 stars Â Â See all reviewsÂ (116 customer reviews)

Best Sellers Rank: #37,547 in Books (See Top 100 in Books) #27 inÂ Books > Textbooks >

Medicine & Health Sciences > Medicine > Basic Sciences > Neuroscience #62 inÂ Books >

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Customer Reviews

So far (about 4-5 chapters in), this text has proved to be a useful introduction into the field of behavioral neuroscience. I had a limited grasp of the field aside from some undergraduate biology, but the author does a good job of systematically walking the reader through the structure of a neural cell, then the central nervous system, sensory systems, and so on. The book is thorough and well-organized, and having the definitions embedded in the text makes studying convenient. The author's tone/approach is plain-spoken and accessible, so reading through the chapters isn't necessarily a chore (lot of information here, though!). My major qualm is that it advertises this as part of the MyPsychKit series (which allows for online access, study tools, etc.). Unfortunately, my text (and evidently others in my class who also bought this new edition) did not come with the needed access code. Supposedly, the online access requires a separate purchase, though I haven't had a chance to verify this. Aside from the false advertising, I'd recommend the text as a good, thorough introduction to the subject of behavioral neuroscience.

I had this text as one of the texts for both introductory and advanced biological psychology PhD courses. It is indeed an introductory text in behavioral neuroscience, but it is robust. Like most texts that provide an overview of an entire field, some will find it falling short as to depth while others may think it too bold in its mission. I have spent a lot of time with this text, but what has made me appreciate it the most is when I read the literature or other texts on the same subject matter and find myself coming back to Carlson to clarify my understanding. This book makes excellent use of figures, drawings, marginalia, and tables that are truly functional and almost reminiscent of Stahl's books, which have you spending more time with the figures than the text they are so well done. That is not to say the text is not well done as well. While one can quibble with the topical transitions, the detail and scope in each chapter is excellent. You get a lot of bang for the buck as to detail while covering a wide expanse of knowledge. Compared to peer texts, this one goes into more detail, but

does not compromise clarity. Where does it fit? I consider this the Stryer's Biochemistry of biological psychology or like Molecular Biology of the Gene. It is a fundamental text and the best of its peer group.

I would like to find Neil Carlson and shake his hand. This is without a doubt one of the best textbooks I've had the pleasure of using. I'm in my senior year of studying cognitive sciences and so far I've had two courses that used this book. When studying for exams in those courses I simply read the relevant chapters. The material is concise, well-organized, summarized just when you need it to be summarized, pockmarked with occasional interesting tidbits and stories, just to keep you interested. Every once in a while there's a small terminology box to refresh your memory on the terms you've just encountered. Simply put, it's a book that makes studying the (rather complex, actually) subject of physiology of behaviour easy. If you need this book for a course, I heartily recommend you buy it instead of just borrowing from friends. I'm not sure why you would want to buy such a book for non-academic purposes and just to read it for the hell of it - but if you do - it's a book that supplies a lot of information in a very easy to digest manner. Two thumbs up. Good job Dr/Prof/Mr/Whatever Carlson...

This is a good introductory book for psychology students with little or no background in physics, chemistry, and biology. The author does a good job in explaining difficult concepts in simple layman's terms. I do wish however that he would expand a little bit more on neural development. Folks with a good background in neuroscience should consider using Kandel, Schwartz, and Jessell's Principles of Neural Science instead.

This book had, in my opinion, just the right amount of information: the chapters were not too long or overloaded with unnecessary details, but each topic was covered fairly in-depth, and throughout confusing or particularly interesting concepts were highlighted with extra information. This book is a really nice foundation for an introductory behavioral neuroscience course; I still refer to it from time to time. The writing style is easy to read and the case files associated with each chapter add interest. This was one of my favorite textbooks. My PsychKit access often isn't available from the publisher right after a new edition is released; sometimes you have to wait for it to become available. has updated the book's description page to reflect that now, however, so I am giving the book five stars.

I have used this text for over 4 years now and have nothing but praises for the manner in which it is written. It covers very difficult material in a reader-friendly manner without downplaying the importance of its contents. As with all texts, while there are some inaccuracies, these do not detract from the overall excellence of the text. In fact, they reflect the vibrant, rapidly changing nature of the field. As Torsten Wiesel said recently, 90% of what we know about the brain has been discovered within this decade, the Decade of the Brain.

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