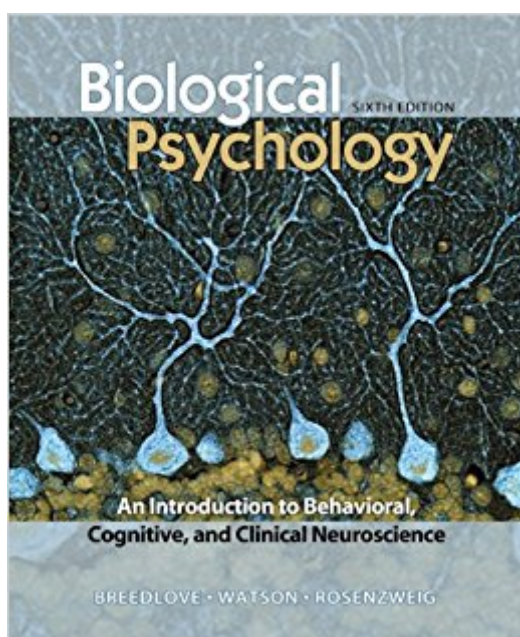


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# Biological Psychology: An Introduction To Behavioral, Cognitive, And Clinical Neuroscience, Sixth Edition



## Synopsis

Biological Psychology is a comprehensive survey of the biological bases of behavior that is authoritative and up-to-date. Designed for undergraduates enrolled in Biological Psychology, Physiological Psychology, or Behavioral Neuroscience, the book continues to offer an outstanding illustration program that engages students, making even complicated topics and processes clear. It offers a broad perspective, encompassing lucid descriptions of behavior, evolutionary history, development, proximate mechanisms, and applications. The Sixth Edition features a thoroughly redesigned and up-to-date Cognitive Neuroscience module (Part VI; Chapters 17-19), with expanded coverage of attention, executive control, and decision-making processes, in keeping with the latest research breakthroughs. Optional advanced topics are available on the Web as A Step Further, streamlining the printed text to emphasize the important points. The new edition boasts hundreds of new references, including research students may have encountered in the popular media. Yet critical thinking skills are also honed as the reader is alerted to the many widely held myths about the neuroscience of behavior and educated about facts that sound unlikely to the uninformed. Thorough and reader-friendly, Biological Psychology reveals the fascinating interactions of brain and behavior.

**KEY FEATURES**

- \* The book has an outstanding full-color art program, including hundreds of original illustrations that make it easy to understand structures, mechanisms, and processes in the brain.
- \* Each chapter opens with a brief outline and a narrative illustrating an important aspect of behavioral biology that will be made clear to the student by reading the rest of the chapter.
- \* Redesigned chapter summaries are organized by main chapter heads in a readable two-column format. Each has bold-faced key terms, callouts to pertinent figures, and references to the Companion Website.
- \* Bold-faced terms are defined in the margins of the text to help students identify and learn key terminology.
- \* All references to figures, tables, and boxes are boldfaced and in color, for easy differentiation from the body of the text.
- \* The free-access Biological Psychology Companion Website is referenced from in-text callouts and in the chapter summaries. See Media and Supplements section.

## Book Information

Hardcover: 624 pages

Publisher: Sinauer Associates, Inc.; 6 edition (March 26, 2010)

Language: English

ISBN-10: 0878933247

ISBN-13: 978-0878933242

Product Dimensions: 0.8 x 9 x 11 inches

Shipping Weight: 4.1 pounds

Average Customer Review: 4.1 out of 5 stars 43 customer reviews

Best Sellers Rank: #39,496 in Books (See Top 100 in Books) #41 in [Books > Science & Math > Behavioral Sciences > Behavioral Psychology](#) #49 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Neuroscience](#) #81 in [Books > Medical Books > Medicine > Internal Medicine > Neurology > Neuroscience](#)

## Customer Reviews

S. Marc Breedlove, the Barnett Rosenberg Professor of Neuroscience at Michigan State University, has written over 100 scientific articles investigating the role of hormones in shaping the developing and adult nervous system, publishing in journals including *Science*, *Nature*, *Nature Neuroscience*, and the *Proceedings of the National Academy of Science*. He has been widely interviewed about his research by periodicals including the *San Francisco Chronicle*, *Los Angeles Times*, *New York Times*, and *Newsweek*, as well as broadcast programs such as *All Things Considered*, *Good Morning America* and *Sixty Minutes*. He has active grant support from the National Institute of Neurological Disorders and Stroke, the National Institute of Mental Health, and the National Science Foundation. Dr. Breedlove was recently elected a Fellow of the American Association for the Advancement of Science. Neil V. Watson and the members of his lab at Simon Fraser University in Vancouver, Canada study sex-related aspects of the structure and function of the nervous system, with ongoing grant support from the Natural Sciences and Engineering Research Council of Canada. He has published scientific articles on topics ranging from the effects of steroid hormones on cell survival, to the neural control of reproductive behavior, to human cognitive sex differences. Dr. Watson received his undergraduate and master's degrees from the University of Western Ontario and his Ph.D. from the University of British Columbia. Following a postdoctoral fellowship at the University of California, Berkeley, he joined the faculty at SFU in 1996 where he is now Professor of Neuroscience in the Department of Psychology. He teaches biological psychology to hundreds of undergraduate and graduate students each year. The late Mark R. Rosenzweig was Professor Emeritus of Psychology at the University of California, Berkeley. He received his bachelor's and master's degrees from the University of Rochester and his Ph.D. from Harvard University. He was active in research in biological psychology for fifty years and taught the subject for almost as many years. His main research was on brain mechanisms of learning and memory, and he also did research on brain mechanisms of auditory perception. He authored or coauthored 300 scientific

publications books, chapters, and articles. Dr. Rosenzweig held several offices in the International Union of Psychological Science, including the presidency. He was a member of the National Academy of Sciences, U.S.A., and he was awarded honorary doctorate degrees by the Universit fÆ'   © Rene Descartes (Paris), the Universit fÆ'   © Louis Pasteur (Strasbourg), and the Universit fÆ'   © de Montreal.

Bought this book for biological psychology. It has a good overview of biological psychology. Plus, it relates well to other areas of psychology such as behavioral and social. The book explains the concepts well. Not sure if it is the best bio psychology book but very decent. I remember that the book was quite useful but I enjoyed the lectures and the papers more.

This book has a really good presentation making it easy to understand step by step a normally daunting subject. Fantastic. The loose leaf version enable pages to be removed and comfortable position for the computer to get and reference information easily instead of having to struggle with a large book in a confined space continually losing the page being worked on. It is always difficult finding the relative information required for diplomas etc. This book has an easy find system, and a really good method of getting that information over to the students easily. A Good Job.

I really enjoyed this book. I thought it was an excellent complement to my introductory course to the world of biological psychology. It lays out the material nicely and is not intimidating. I would recommend this textbook to anyone curious about the brain and how it controls every single action of humans!

Book is in good condition. Textbook is a n easy read. I got the textbook much much faster than expected. There is so little difference between this and the new edition. I'm so glad I saved my money!!!!

I highly recommend this book if you want to brush up on you knowledge in this subject. I read 80% of the body text in a matter of 5 days in preparation for a doctoral interview, definitely served me well!

I read this book to better understand how biological factors affect human psychology. Although it is a student text and intended to include classroom lecture and discussion, it provides a through

overview of the subject and a level of detail that helps explain human behavior. A bit academic for some, it will help any reader to appreciate the incredible complex interaction between the biological and psychological.

Good book

I love this book, even after taking the class I love going back and rereading it, it is very fascinating and a great reference guide.

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