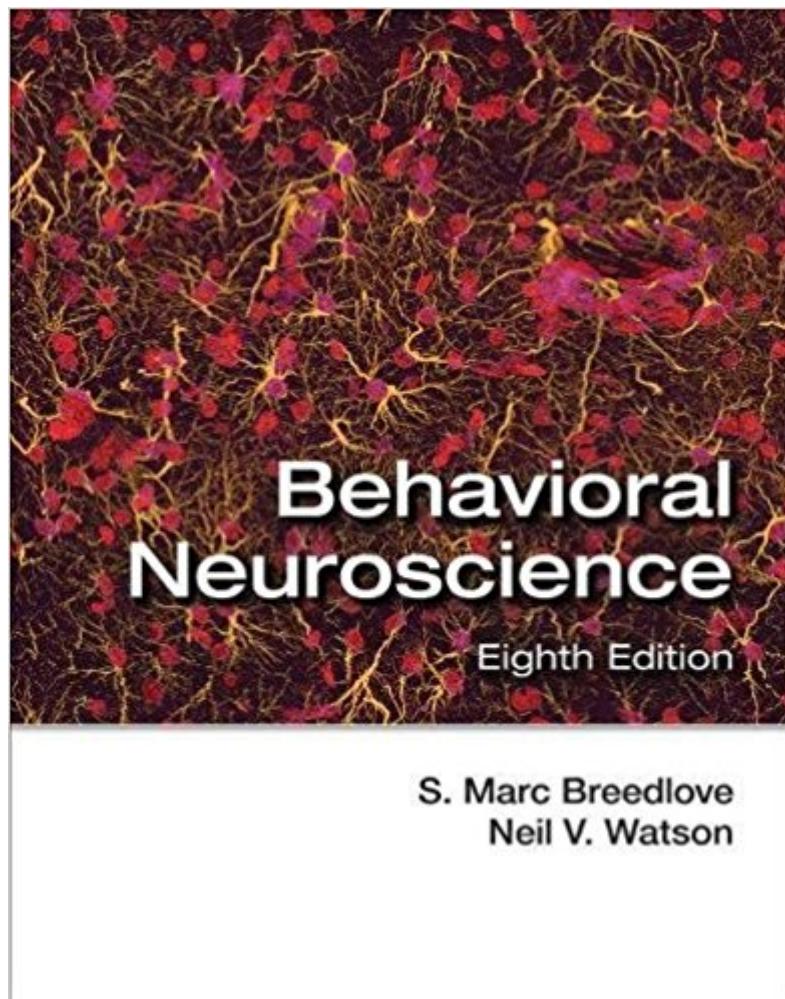


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# Behavioral Neuroscience



## Synopsis

For 20 years, instructors have relied on the textbook Biological Psychology for a definitive and comprehensive survey of the neuroscience of behavior. Thanks to the explosion of work in the neurosciences, each of the seven editions has included more neural details than the one before. Thus the time has come to revise the title to reflect the evolution of both the book and the field: Behavioral Neuroscience. Behavioral Neuroscience, Eighth Edition, provides undergraduates with a lively survey of the field. It offers a broad perspective, encompassing cutting edge neuroscience, lucid descriptions of behavior, evolutionary and developmental perspectives, and clinical applications of research. Despite this comprehensive range of material, the authors have striven in the latest revision to lay bare the neuroscience concepts underlying behavior with concision and clarity.

**Special Features:-** Learning is supported by a best-in-class full-color art program, including hundreds of original illustrations that make it easy to understand structures, mechanisms, and processes in the brain. Many additional graphical elements have been reproduced from primary research sources, bringing the learner closer to the science behind the subject matter.

- Every chapter includes a special feature called "The Cutting Edge" that highlights an up-to-the-moment discovery or technical innovation, while illustrating the logic and methodology of experimentation and hypothesis testing.

- Each chapter ends with a unique feature, the "Visual Summary," a poster-like layout that provides a graphical review of the major topics of the chapter and directs students to the figures and online animations that reinforce each point.

- The text is supported by a rich array of internet-based resources.

- Over 500 new citations keep the text current and an excellent resource.

Thorough and reader-friendly, Behavioral Neuroscience, Eighth Edition, reveals the fascinating relationships between the brain and behavior.

**Biological Psychology Newslink** This continuously updated site provides links to thousands of news stories in the field, all organized by both keyword and textbook chapter. The site is designed to help instructors keep up with the latest news in the field and find interesting topics for lectures or discussions and to provide students with an appreciation of the wide-ranging applications of the material they are studying in the course.

**For Students** Companion Website Each new copy of the textbook includes 180-day access to the Companion Website. The Behavioral Neuroscience Companion Website contains a wide range of study and review resources to help students master the material presented in the textbook, as well as coverage of additional topics. For each chapter of the textbook, the site includes:

- \* Chapter Outlines that outline each chapter and link to relevant Study Questions
- \* Visual Summaries that link to all of the Activities and Videos, forming a complete review of each chapter
- \* Study Questions that help the student master the full range of material in each chapter
- \* Animations & Videos that

illustrate many of the complex, dynamic concepts and processes of biological psychology.\* Activities that help the student review key structures and processes\* Online Quizzes (including both multiple-choice and essay questions) that test the student's grasp of the material, with results stored in the online gradebook (instructor registration required)\* Flashcards activities that review and reinforce the many new terms introduced in each chapter\* "A Step Further," offering advanced coverage of selected topics, allowing students to explore topics more deeply\* A Glossary that provides quick access to definitions of all the important terminology in the textbook

For Instructors

Instructor's Resource Library

The Behavioral Neuroscience, Eighth Edition, Instructor's Resource Library includes a variety of resources to aid you in the planning of your course, the development of your lectures, and the assessment of your students, including:

- \* Figures and Tables: All of the line-art illustrations, photographs, and tables from the textbook are provided as both high-resolution and low-resolution JPEGs, all optimized for use in presentation software (such as PowerPoint)\*
- PowerPoint Resources: Two different types of PowerPoint presentations are provided for each chapter of the textbook:- All figures, photos, and tables- A complete lecture presentation, including selected figures\*
- Videos: New for the eighth edition, a robust collection of video segments from the BBC and other sources bring to life many of the important concepts discussed in the textbook. Excellent as lecture-starters and discussion topics.
- \* Animations: These detailed animations help enliven lectures and illustrate dynamic processes.
- \* Instructor's Manual and Test Bank in Word format (details below)\*
- Computerized Test Bank: The entire Test Bank is provided in Diploma format (software included) making it easy to quickly assemble exams using any combination of publisher-provided and custom questions. Includes the Companion Website quiz questions.
- Instructor's Manual (included in the Instructor's Resource Library)

The Behavioral Neuroscience Instructor's Manual and Test Bank includes useful resources for planning your course, lectures, and exams. For each chapter of the textbook, the IM includes the following:

- \* A Chapter Overview that gives a big-picture snapshot of what is covered in the chapter\*
- \* A complete Chapter Outline\*
- \* A set of Key Concepts that break the chapter down into its core elements\*
- \* Additional References for lecture/course development
- Test Bank (included in the Instructor's Resource Library)

A comprehensive set of questions is provided for each chapter, including multiple-choice, fill-in-the-blank, matching, essay, definition, and paragraph development questions that cover the full range of material in the chapter (Companion Website quiz questions included).

Online Quizzing

The Companion Website includes online quizzes that can be assigned by instructors or used as self-review exercises. For each chapter of the textbook, a set of multiple-choice questions and a set of essay questions are provided. Quizzes can be customized

with any combination of the default questions and an instructor's own questions, and can be assigned as desired. Results of the quizzes are stored in the online gradebook. (Instructors must register in order for their students to be able to take the quizzes.)

## **Book Information**

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## **Customer Reviews**

S. Marc Breedlove is the Barnett Rosenberg Professor of Neuroscience at Michigan State University. He has written over 130 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 is also passionate about teaching--in the classroom, and in the greater community through interviews with the *Washington Post*, *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 and the National Institute of Mental Health. Dr. Breedlove is a Fellow of the American Association for the Advancement of Science and the Association for Psychological 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. His research, which spans from the effects of hormones and pollutants on the structure of the nervous system to the relationships among social

factors, cognition, and steroids in humans, has appeared in a variety of journals, including the Journal of Neuroscience, the Proceedings of the National Academy of Science, and Brain Research. 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 Behavioral Neuroscience and Chair of Psychology. He teaches biological psychology to hundreds of undergraduate and graduate students each year.

I mean, you have to be into this to like it. This book wasn't exactly fun to read. Informative, but that's it. I think the online website attached to this book was fun to wear because it summarized everything and was more interactive.

The material is presented in an easy to read format, supplemental illustrations are in color and are excellent. My professor decided not to use the book in favor of the PowerPoint slides in conjunction with lecture. I read the book anyway for details not in the lectures. I'm using the loose leaf version of text, and prefer that format.

Marvelous book, easy and fluid built up of the foundations of cognition... the biologic-substrate made behaviorally accessible.

I had to take biological psychology as a prerequisite for the psychology major. I felt that this book explained all the topics to me in an engaging and visual way. Breedlove makes really hard and abstract concepts easy to understand and grasp. Many subjects in this book changed the way I think, especially the chapter on sleep. I attribute the reason I did so well in Biopsych to this book and highly recommend it to anyone who is interested in studying psychology, especially at the university level.

Arrived a little later then expected but it's in a good condition with little to no damage and it is the promised item for a good price too. However textbook isn't that helpful as it reads ver forward and for sure needs a teacher covering it

Wow, this book is absolutely dry, but does contain a bunch of great information. I think it is very detailed.

very well written and great illustrations that help in the learning and study of the material, i would recommend this very much for self study!

Came in great condition

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