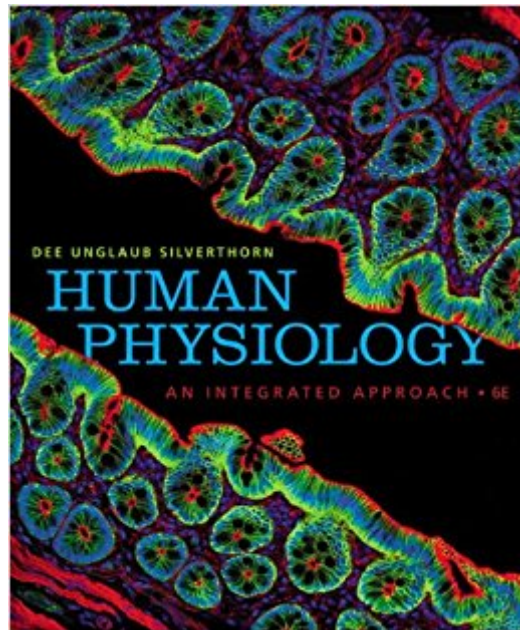




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Human Physiology: An Integrated Approach (6th Edition)



Synopsis

Human Physiology: An Integrated Approach broke ground with its thorough coverage of molecular physiology seamlessly integrated into a traditional homeostasis-based systems approach. The newly revised Sixth Edition introduces a major reorganization of the early chapters to provide the best foundation for the course and new art features that streamline review and essential topics so that students can access them more easily on an as-needed basis. ã ã Recognized as an extraordinary educator and active learning enthusiast, Dr. Silverthorn incorporates time-tested classroom techniques throughout the book and presents thorough, up-to-date coverage of new scientific discoveries, biotechnology techniques, and treatments of disorders.ã ã Dr. Silverthorn also co-authored the accompanying Student Workbook and Instructor Manual, ensuring that these ancillaries reinforce the pedagogical approach of the book. This package contains: Human Physiology: An Integrated Approach, Sixth Edition

Book Information

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Customer Reviews

Dee Unglaub Silverthorn studied biology as an undergraduate at Tulane University and received a Ph.D. in marine science from the University of South Carolina. Her research interest is epithelial transport, and recent work in her laboratory has focused on transport properties of the chick allantoic membrane. She began her teaching career in the Physiology Department at the Medical University of South Carolina but over the years has taught a wide range of students, from medical and college students to those still preparing for higher education. At the University of Texas-Austin

she teaches physiology in both lecture and laboratory settings, and instructs graduate students on developing teaching skills in the life sciences. She has received numerous teaching awards and honors, including the 2009 Outstanding Undergraduate Science Teacher Award from the Society for College Science Teachers, the American Physiological Society's Claude Bernard Distinguished Lecturer and Arthur C. Guyton Physiology Educator of the Year, UT System Regents' Outstanding Teaching Award, and multiple awards from UT-Austin, including the Burnt Orange Apple Award. The first edition of her textbook won the 1998 Robert W. Hamilton Author Award for best textbook published in 1997-98 by a University of Texas faculty member. Dee recently completed six years as editor-in-chief of *Advances in Physiology Education* and she works with members of the International Union of Physiological Sciences to improve physiology education in developing countries. She is the incoming president (2012-13) of the Human Anatomy and Physiology Society, and an active member of the American Physiological Society, the Society for Comparative and Integrative Biology, the Association for Biology Laboratory Education, and the Society for College Science Teachers. Her free time is spent creating multimedia fiber art and enjoying the Texas hill country with her husband, Andy, and their dogs.

About the Illustrators Dr. William C. Ober received his undergraduate degree from Washington and Lee University and his M.D. from the University of Virginia. While in medical school, he also studied in the Department of Art as Applied to Medicine at Johns Hopkins University. After graduation, Dr. Ober completed a residency in Family Practice and later was on the faculty at the University of Virginia in the Department of Family Medicine. He is currently an Affiliate Professor of Biology at Washington and Lee University and is part of the Core Faculty at Shoals Marine Laboratory, where he teaches Biological Illustration every summer.

Claire W. Garrison, R.N., B.A., practiced pediatric and obstetric nursing before turning to medical illustration as a full-time career. She returned to school at Mary Baldwin College where she received her degree with distinction in studio art. Following a five-year apprenticeship, she has worked as Dr. Ober's partner in Medical & Scientific Illustration since 1986. She is on the Core Faculty at Shoals Marine Laboratory and co-teaches the Biological Illustration course.

As Medical and Scientific Illustration, some of this team's titles include *Human Anatomy* (Benjamin Cummings), *Integrated Principles of Zoology* (McGraw-Hill), *Biology* (Raven/Losos, McGraw-Hill), *Marine Biology* (McGraw-Hill) and *Galapagos Marine Life Series* (Sugar Spring Press).

I got this instead of the 6th edition. It served me just fine. The changes between the editions are very minimal, mostly just different colors in the diagrams.

This textbook covers a lot of the basics and is easy to follow and read; the diagrams are simple and clearly laid out. Each section within a chapter ends with a concept check to help the reader understand the main ideas covered. And each chapter ends with a summary of key concepts/definitions in bold print follow by three levels of questions: 1) reviewing facts and terms, 2) concepts, and 3) problem solving. The best part of this text book is NOT having to purchase another book that provides all the answers, because they are already included in this book! Moreover, at the beginning of each chapter includes a "running problem", which provides an actual physiological illness/disease describing the symptoms and as the readers continues, the book will ask a question about that particular disease relating to the key concept that is covered. I think this is a great way to help apply the material learned in that section to a real life illness. This is better than the medical physiology book I currently have, which is overwhelming and more difficult to read. If only Dr. Silverthorn would also write one for graduate students, physiology would probably be more fun to learn!

Used this textbook for my uni course in Human Physiology. It has rather good content and the illustrations/graphs/figures and captions are quite helpful in visualising what you are learning. The only downside is it's super expensive new (but honestly which textbooks aren't), so find a used copy!

Taking pathophysiology in pharmacy school, this was a wonderful book. It was so detailed, and supplemented the lectures with material. For me, reading helps me understand the material and put the big picture together. It explains in more detail certain aspects the professors went over in class that help me learn. The pictures are in color. The book I got was a paperback, but I did not mind that. Really, this is a great human physiology book that I would recommend any student to consider as a supplemental book or for a professor to consider as a required reading book. It definitely helped me study.

Buy this book instead of the new version. They're pretty much the same, just a few different page numbers. I have to do mastering homework online so I bought this book and the online code from the publisher's website and saved a ton of money. This book has the same images as the online homework and the newer version, so it still helped a ton with the online homework even though it was an older book. It also had the same information in the book because I never missed anything in

my class.

Book had minimal signs of wear on the corners, but absolutely no markings or highlighting which I'm very happy with. I'm very particular about how I highlight and take notes. I bought this instead of the 7th edition and it's worked out just fine with my class. The page numbers are a little off and diagram numbers, but if you know what you're supposed to be looking at, it's easy to keep up.

Great book and great price.

Dee Silverthorn is an incredible teacher. The book is so lucid.

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