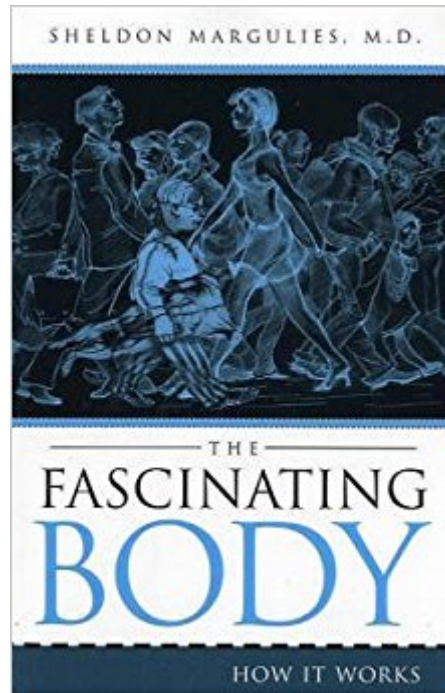




The book was found

# The Fascinating Body: How It Works



## Synopsis

Learning about the human body can be both fun and informative with this thorough and delightful explanation of how the body works, and how to keep it working. By asking questions about everyday experiences and observations, and explaining the answers in plain English with clear illustrations, Margulies has the reader racing from question to question to discover the body's amazing functions. After each question and explanation, you'll find yourself saying, "That's interesting, I didn't know that." Just when experts bemoan how little science the lay public understands, up steps Margulies with *The Fascinating Body* to light the way. Regardless of what you know about the human body, you will find this book to be a treasure trove of information. If you think you already understand how the body works, read a few chapters and see if you still feel that way. *The Fascinating Body* will change the way you look at yourself and the way you look at others. No longer will you see just a human form. From now on, you will see the body for what it really is, the most fascinating creation on Earth. For grades 9 through 12.

## Book Information

Paperback: 412 pages

Publisher: ScarecrowEducation (April 2, 2004)

Language: English

ISBN-10: 1578860768

ISBN-13: 978-1578860760

Product Dimensions: 7.1 x 1 x 8.9 inches

Shipping Weight: 1.4 pounds

Average Customer Review: 3.9 out of 5 stars 4 customer reviews

Best Sellers Rank: #1,968,177 in Books (See Top 100 in Books) #87 in [Books > Teens > Education & Reference > Science & Technology > Anatomy & Physiology](#) #2364 in [Books > Education & Teaching > Schools & Teaching > Instruction Methods > Science & Technology](#) #2393 in [Books > Education & Teaching > Schools & Teaching > Education Theory > Research](#)

## Customer Reviews

Though this book may be aimed at teenagers, it's a fascinating approach for anyone interested in how the body works. The author..asks and answers hundreds of questions about our body in this book, which is divided into 15 categories and systems, from organs to skin to eyes, ears, cardiac, bones and joints. (Chicago Tribune )Dr. Margulies has a wonderful way of explaining how the body works to those of us who never understood or even liked science. *The Fascinating Body* is a true

family bible of the human body. (Eliot A. Cohen, Ph.D., author )The Fascinating Body appeals to our natural curiosity by addressing all of those questions we have asked about our own bodies. With relevant questions and well thought-out answers supported by beautiful illustrations, Dr. Margulies leaves the reader with a real understanding of how the body works. (Julia Koble, National Teacher of the Year 2002 )An absolute treasure trove of useful information about the human body and how to keep it running. The Fascinating Body will greatly broaden your understanding of the one thing you care about most – your own body. (Stephen Deutsch, M.D., Ph.D., Director of Mental Health Service Line, Department of Veterans Affairs )This is a fascinating book on a fascinating subject. After each question and answer, I found myself saying to myself, "Now that's interesting, I didn't know that." Dr. Margulies has done the impossible: made learning relevant, painless, and fun. (James Dugal, National Association of Biology Teachers Outstanding Biology Teacher of the Year 2003 )You will not find a clearer explanation of the human body. I wish all my patients had read The Fascinating Body. If you ever want to speak intelligently with your doctor, I recommend you first read The Fascinating Body. (John A. Ulatowski, M.D., Ph.D., M.B.A., chairman, Department of Anesthesiology & Critical Care Medicine, Johns Hopkins University Hospital )...a comprehensive explanation of how the human body functions... (Baltimore Sun )...this is not simply a collection of oddball information about the human body. (Arkansas Democrat-Gazette )...provides a lay audience of high school reading-level with a 'day-to-day' understanding of human biology....extensive glossary. (Reference and Research Book News )At last, a simple, easy-to-understand volume on the human body and how it works....Read this book for a clear understanding of just how your body functions. (Acadian Lifestyle )

Sheldon Margulies is a board-certified practicing neurologist in Silver Spring, Maryland and a member of the American Academy of Neurology. He currently holds the rank of clinical assistant professor in the Department of Neurology at the Uniformed Services University of the Health Sciences having been a clinical assistant professor of Neurology at Johns Hopkins University and assistant professor of Neurology at the University of Maryland and University of Alabama. Dr. Margulies is the author of *Everyday Doctoring: A New Approach to the Logic and Reasoning of Neurology and Medicine*, a textbook on medical and neurologic physical diagnosis, and co-author of *Learning Law*, a textbook outlining legal reasoning. He has also published articles concerning the postconcussion syndrome and its causes; the medical evidence for and against the diagnosis of brain damage following mild head injuries; the Supreme Court's 1993 decision in *Daubert* concerning the trial court's role in excluding junk science from the courtroom; and the applicability of

Daubert to the use of differential diagnosis and neuropsychological testing in proving claims of brain damage. Visit <http://www.fascinatingbody.com> for a sample chapter!

Got this for some high school kids to read, they loved it. The diagrams are obviously hand drawn and a little cheap looking but it's not too bad. If you want a serious primer on human anatomy, get a cheap used Anatomy & Physiology text book, if you want an interesting and engaging non-technical read then this is a good choice. The author did a good job with it.

I received this book as a gift. Every book has its perks and this one is unique in its own way! It just so happens that my library is filled with a vast array of health material from the simplest to advanced medical texts. For comprehension purposes, I'd rate this book on a basic level. I believe that the intention of the author was to make the information easy for anyone to understand. So if you are a med-student, RN, physician or any professional along those lines (you may find this material elementary to your already advance level of knowledge. But that is in no way to mean that the book is not quality. Actually, it would be helpful to those who are looking for health-related answers available at their fingertips such as, alternative professionals, parents, athletes, fitness trainers, school health instructors, teens or anyone who just wants to know the ANSWERS to why things are or how things happen as it pertains to the body. Sure the pictures displayed in the book are stenciled and lack color, but it's the information that is important and you'll certainly get the point of each illustration. Here's an idea of what you can expect to see in the book: 1) Why do people cry when they are sad? 2) How do birth control pills prevent pregnancy? 3) What makes eye colors different shades?

I picked this book up at my university's library, and was very intrigued by the Q&A format of the book - similar to David Feldman's Imponderables series - where information about the body is broken up into about half page explanations of different phenomena. This was intriguing to me because I already know a fair amount of biology and anatomy, and instead of having to drudge through pages of things I already know in order to find out, for example - "what is mitral valve prolapse?" I can simply skip past the questions I already know the answer to. This didn't work out quite how I expected for a variety of reasons. The main one is that unrelated information as well as interesting stories are included within simple questions such as "what are proteins?" and so I found myself reading everything

and getting impatient at having to learn for the umpteenth time what an acid is in order to learn about cellulose nitrate billiard balls. The drudgery of introductory chemistry was also often paired in the book with incredibly complicated explanations of, for example, the schematics of how the heart pumps blood. This is done very dryly and in what I imagine is medical textbook style of "this, then this, then this, etc." The same approach was taken in describing the endocrine system. I get that the point is that it is all very complicated, but it was written in a very boring way that does not lend itself easily to the reader's memory. I understand that dryness is often necessary for comprehensive coverage, but this book is not nearly as comprehensive as a medical encyclopedia. My point in all this is that I thought this book was going to have the sort of rapid-fire trivia tidbit structure that fits the young internet-phil's attention span, but the book didn't really seem to have an audience in mind. It jumped all over the place in terms of complexity of ideas and it reads like a thought blog of Dr. Margulies. The questions, by the way, were not submitted by interested laymen; this isn't, for example, the culmination of a Q&A blog that the Dr. has kept. The ultimate question, it seems, is what does Dr. Margulies feel like talking about right now? The questions often seem to be made retroactively to break up large blocks of text or lead the Dr. in the direction he wants to go. I am being a little harsh. What I am discussing here is about half of the book. The other half is legitimately good and interesting questions. Let me give you a smattering of the questions to give you an idea of the mix of them.

Why shouldn't infants be fed honey?

What happens if one of the heart valves is defective?

By feeling the pulse, can you prove the heart is a pump?

If all the heart does is pump blood, then why have so many philosophers and poets over the years bemoaned that they are heartsick over the loss of a loved one? Why does our heart ache when loved ones are gone? Why do you grab your heart when you fall in love or hear beautiful music? Why do our hearts go out to flood victims? Why do our heartfelt thanks go out to those who help us in times of need? Why is the heart the seat of our emotions?

How do nerves work?

What are breath holding spells?

All in all, in the book, Dr. Margulies shows himself to be simply a doctor—not the sort of well-rounded intellectual which can approach the human body from a variety of perspectives. His attempts to include history, philosophy, or pop culture fall flat and are lame at best. He knows his biology, that's for sure (though his Christianity and desire to preach sometimes gets in the way) and that is the saving grace of this book. It sits somewhere in between a textbook and an encyclopedia geared for teenagers. This is definitely a poop book.

I just received my copy of the book yesterday and I must say that I am impressed by the over-all content. The subject matter is very interesting and the answers are well explained. Although I purchased this book for home school purposes, I am looking forward to reading it for my own well-being and education.

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