



Anatomy & Physiology: An Integrative Approach

4th Edition

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available in



connect®

McKinley/O'Loughlin/Bidle's *Anatomy and Physiology: An Integrative Approach*, 4th edition brings many elements of the study of A&P together in unique ways to maximize understanding. Anatomy and physiology are covered within each chapter, emphasizing the interdependence of body systems by weaving prior coverage of one system into textual explanations of how other systems work. All figures are carefully designed to support the text narrative, and carry brief textual explanations, which make figures self-contained study tools.

The text helps students apply chapter content by using clinical examples that show students what can go wrong in the body, crystalizing their understanding of the "norm." Mini self-tests at the end of each section assess students' grasp of the material, and end-of-chapter assessments encourage students to apply and synthesize what they have learned. Career opportunities for A&P students are highlighted at the beginning of each chapter. Practical advice for remembering material is included throughout, and chapters end with a summary of available media tools.

Features

Updated Features

- **Concept Overview Figures** from the textbook have been transformed into interactive study modules. Concept Overview Interactives are available for the following topics: *Membrane Transport, Muscle Contraction, Neuron Physiology, Endocrine System, Cardiac Cycle, Blood Pressure, Innate Immunity, Adaptive Immunity, Respiration, Glomerular Filtration, Tubular Resorption/Secretion*
- **Revisions and content updates throughout:** Content in every chapter has been revised and updated where appropriate to keep the text current. The latest research and new findings have been incorporated

Updated Digital Tools and Content in McGraw Hill Connect®

- **Anatomy & Physiology Revealed® (APR) 4.0** is an interactive cadaver dissection tool to enhance lecture and lab that students can use anytime, anywhere. **All features of APR, including Dissection, Animations, 3D models, Histology, Radiology, and Quizzes, are now assignable in Connect, with integration for you to see the tasks your students complete!**
- **Ph.I.L.S. 4.0 (Physiology Interactive Lab Simulations)** software is the perfect way to reinforce key physiology concepts with powerful lab experiments.
- **Practice Atlas for A&P** is an interactive tool that pairs images of common anatomical models with stunning cadaver photography, allowing students to practice naming structures on both models and human bodies. **Now assignable in Anatomy & Physiology Revealed!**

- **Connect Virtual Labs** help connect the dots between lab and lecture, boost student confidence and knowledge, and improves student success rates.
- **New! Prep for A&P** helps students thrive in college-level A&P with adaptive learning by helping to solidify knowledge in the key areas of cell biology, chemistry, study skills, and math. **Additional modules allow students to be more prepared as they begin each module of the A&P course.**

Retained Features

- **Learning Strategy Boxes** provide simple, practical advice for learning the material.
- **Clinical View** readings offer insight on how complex physiologic processes or anatomic relationships affect body functioning.
- **Multilevel Perspective** Microscopic structures are connected to macroscopic views to show changes in perspective between increasingly detailed drawings.
- **Integrative Visual Summaries:** The groundbreaking *Integrate: Concept Overview* figures combine multiple concepts into one big-picture summary.
- For Connect users, the **ReadAnywhere App** is a free, downloadable app available on iOS and Android mobile devices. It gives students mobile freedom to access their eBook(s) anywhere, even offline, on their smartphone or tablet. Once chapters are downloaded, students can use the same tools available in the eBook. Any notes or highlights they make in the eBook will sync across platforms. Visit mheducation.com/highered/explore/readanywhere.html for more information.

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