



# Fundamentals of General, Organic, and Biological Chemistry

*John E. McMurry , David S. Ballantine Jr. , Carl A. Hoeger , Virginia E. Peterson*

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*For courses in General, Organic, and Biological Chemistry (2 - Semester)* **A Clear, Flexible Approach to Chemistry for the Modern Classroom** Active learning, an increased focus on clinical examples, updates based on current teaching and research findings, and digital innovations designed to engage and personalize readers' experience make *Fundamentals of General, Organic, and Biological Chemistry* simply the best choice for readers with a future in allied health. With the **Eighth Edition**, the authors make learning chemistry a more active experience through features designed to get readers doing chemistry. Every chapter features *Hands on Chemistry* sections that deepen readers' understanding of chemistry by having them perform elementary experiments with everyday household items. Group Problems at the end of every chapter are designed for in-class use and motivate readers to carefully think about higher-level problems, such as how concepts fit together and how to apply these concepts in a clinical application. All of the chapter openers, including many of the Chemistry in Action boxes and end-of-chapter problems, have been rewritten for a stronger clinical focus that provides more relevance to allied health majors. All content has been updated for the modern classroom with special attention to the biochemistry chapters, making the **Eighth Edition** of *Fundamentals of General, Organic and Biological Chemistry* the best choice for future allied health readers. This edition is fully integrated with MasteringChemistry to provide an interactive and engaging experience. Media resources include narrated Video Tutor Solutions for every book chapter that present how to work the most challenging problems and feature additional feedback and instruction from contributor Sara Madsen. NEW in MasteringChemistry is the Chemistry Primer, a diagnostic and remediation tool that provides pre-built assignments designed to get readers up to speed on Chemistry and Math skills at the beginning of the course so they come to class prepared to delve more deeply into topics. **Also Available with MasteringChemistry(TM)** MasteringChemistry is the leading online homework, tutorial, and assessment system, designed to improve results by engaging students before, during, and after class with powerful content. Instructors ensure students arrive ready to learn by assigning educationally effective content before class, and they encourage critical thinking and retention with in-class resources such as Learning Catalytics(TM). Students can further master concepts after class through traditional and adaptive homework assignments that provide hints and answer-specific feedback. The Mastering gradebook records scores for all automatically graded assignments in one place, while diagnostic tools give instructors access to rich data to assess student understanding and misconceptions. Mastering brings learning full circle by continuously adapting to each student and making learning more personal than ever--before, during, and after class. **Note:** You are purchasing a **standalone** product; MasteringChemistry does not come packaged with this content. Students, if interested in purchasing this title with MasteringChemistry, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MasteringChemistry, search for **0134033094 / 9780134033099** *Fundamentals of General, Organic, and Biological Chemistry Plus MasteringChemistry with eText -- Access Card Package* **Package consists of:**  
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## **Fundamentals of General, Organic, and Biological Chemistry Details**

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# From Reader Review Fundamentals of General, Organic, and Biological Chemistry for online ebook

## **Melissa says**

It's a chemistry text book....

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## **Sara Benson says**

This is not a chemistry textbook that I'd recommend. As other reviewers have commented, its organization of topics by chapter is unusual and sometimes confusing. The writing is often dense and unclear, in a way that much overly "academic" writing can be (but doesn't have to be, if the writer is skilled enough to explain complex topics in clear English). While the book covers all the basic chemistry concepts, and often helpfully ties them to topics in medical/health science, it rarely goes into much depth, especially when it comes to calculations. This is almost a mathematical formula-free introduction to chemistry, which isn't helpful for those who plan to take more difficult classes later. In contrast, the Tro "Chemistry: A Molecular Approach" textbook is much more in-depth and also provides many more examples of worked problems with helpful explanations.

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## **Leah says**

Silly groupings in chapters. I don't understand the order in which they're teaching the material (which is mostly not new to me).

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