



Chemistry, 5th ed.

Julia Burdge

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New to the Fifth Edition:

Use of student Heat Maps to improve presentation specifically based on student performance.

New chapter openers, with emphasis on the chemistry associated with global climate change.

New End-of-Chapter Problems have been added in response to user comments. These include additional conceptual problems, additional multi-concept problems, and updates of information in topical questions.

New Sample Problems to improve the introduction of new concepts.

New figures to help students develop conceptual understanding.

Continued development of truly comprehensive and consistent problem-solving. Hundreds of worked examples (Sample Problems) help students get started learning how to approach and solve problems.

SmartBook™ with Learning Resources. Our adaptive SmartBook has been supplemented with additional learning resources tied to each learning objective to provide point-in-time help to students who need it.

New and updated chapter content includes:

Incorporation of essential information from student notes into the main flow of text in each chapter.

The remaining student notes are designed to help students over a variety of stumbling blocks.

They include timely warnings about common errors, reminders of important information from previous chapters, and general information that helps place the material in an easily understood context.

Chapter 1—New chapter opener with environmental focus and earlier placement of the FAQ box “How Can I Enhance My Chances of Success in Chemistry Class?”

Chapter 2—New end-of-chapter problems

Chapter 5—New end-of-chapter problems, including conceptual and multi-concepts problems

Chapter 6—New conceptual illustration of the photoelectric effect

Chapter 7—New chapter opener with environmental focus

Chapter 8—New conceptual end-of-chapter problems

Chapter 10—New conceptual end-of-chapter problems

Chapter 11—New conceptual end-of-chapter problems

Chapter 17—New chapter opener with environmental focus and new conceptual end-of-chapter problems

Chapter 18—New conceptual Checkpoint and end-of-chapter problems