

ENHANCED
SUPPORT FOR

Faculty & Students

McGraw-Hill offers various tools and technology products in support of *Chemistry* to both faculty and students alike. Instructors can obtain teaching aides by calling the McGraw-Hill Customer Service Department at 1-800-338-3987, visiting our online catalog at www.mhhe.com, or by contacting their local McGraw-Hill sales representative.

For the Instructor

ARIS



The *Assessment, Review, and Instruction System*, also known as ARIS, is an electronic homework and course management system designed for greater flexibility, power, and ease of use than any other system. Whether you are looking for a preplanned course or one you can customize to fit your course needs, ARIS is your solution.

In addition to having access to all student digital learning objects, ARIS enables instructors to:

- Build assignments
- Track student progress
- Be flexible



McGraw-Hill TEGRITY Campus™

Tegrity Campus is a service that makes class time available all the time by automatically capturing every lecture in a searchable format for students to review when they study and complete assignments. With a simple one-click start-and-stop process, you capture all computer screens and corresponding audio. Students replay any part of any class with easy-to-use browser-based viewing on a PC or Mac.

Presentation Center

The **Presentation Center** is a complete set of electronic book images and assets for instructors. You can build instructional materials wherever, whenever, and however you want! Accessed from your textbook's ARIS website, the Presentation Center is an online digital library containing photos, artwork, animations, and other media types that can be used to create customized lectures, visually enhanced tests and quizzes, compelling course websites, or attractive printed support materials. All assets are copyrighted by McGraw-Hill Higher Education, but can be used by instructors for classroom purposes. The visual resources in this collection include:

- **Art.** Full-color digital files of all illustrations in the book.
- **Photos.** The photos collection contains digital files of photographs from the text.
- **Tables.** Every table that appears in the text is available electronically.
- **Animations.** Numerous full-color animations illustrating important processes are also provided.
- **PowerPoint® Lecture Outlines.** Ready-made presentations for each chapter of the text.
- **PowerPoint Slides.** All illustrations, photos, and tables are preinserted by chapter into blank PowerPoint slides.

Presentation Center's dynamic search engine allows you to explore by discipline, course, textbook chapter, asset type, or keyword.

Computerized Test Bank Online

A comprehensive bank of test questions by Debbie Beard (University of Mississippi) is provided within a computerized test bank, enabling you to create paper and online tests or quizzes in this easy-to-use program. Imagine being able to create and access your test or quiz anywhere, at any time.

The test bank contains over 3,000 multiple-choice, true/false, and short answer questions. The questions, which are graded in difficulty, are comparable to the problems in the text.

Instructors Manual

Written by Nick Flynn from San Angelo State University, the instructor's manual provides literature citations, tips, integration of media, and end-of-chapter problem difficulty levels and categories.

Student Response System

Wireless technology brings interactivity into the classroom or lecture hall. Instructors and students receive immediate feedback through wireless response pads that are easy to use and engage students. This system can be used by instructors to:

- Take attendance
- Administer quizzes and tests
- Create a lecture with intermittent questions
- Manage lectures and student comprehension through the use of the gradebook
- Integrate interactivity into their PowerPoint presentations

Content Delivery Flexibility

Chemistry by Julia Burdge is available in many formats in addition to the traditional textbook to give instructors and students more choices when deciding on the format of their chemistry text. Choices include:

- **Color Custom by Chapter** For even more flexibility, we offer the Burdge: *Chemistry* text in a full-color, custom version that allows instructors to pick the chapters they want included. Students pay for only what the instructor chooses.
- **eBook** If you or your students are ready for an alternative version of the traditional textbook, McGraw-Hill brings you innovative and inexpensive electronic textbooks. eBooks from McGraw-Hill are smart, interactive, searchable and portable. Included is a powerful suite of built-in tools that allow detailed searching, highlighting, note taking, and student-to-student or instructor-to-student note sharing. In addition, the media-rich eBook for *Chemistry* integrates relevant animations and videos into the textbook content for a true multimedia learning experience.

Cooperative Chemistry Laboratory Manual

By Melanie Cooper (Clemson University), this innovative guide features open-ended problems designed to simulate experience in a research lab. Working in groups, students investigate one problem over a period of several weeks, so that they might complete three or four projects during the semester, rather than one preprogrammed experiment per class. The emphasis here is on experimental design, analysis, problem solving, and communication.

For the Students

Students can order supplemental study materials by contacting their campus bookstore, calling 1-800-262-4729, or online at www.shopmcgraw-hill.com.

To help students maximize their learning experience in chemistry, McGraw-Hill offers the following options to students:

McGraw-Hill ARIS

ARIS (Assessment, Review, and Instruction System) is an electronic study system that offers students a digital portal of knowledge.

Students can readily access a variety of **digital learning objects**, which include:

- Chapter level quizzing
- Animations
- Interactives
- MP3 and MP4 downloads of selected content

Student Solutions Manual

In this manual by Jon Booze (AccuMedia Publishing Services) and Julia Burdge, the student will find detailed solutions and explanations for the odd-numbered problems in this text.

Student Study Guide

This study guide, by Lydia Martinez-Rivera (University of Texas at San Antonio), helps students focus their time and energy on important concepts. The study guide offers students a variety of tools:

- Practice questions
- Outline/summary of fundamental concepts—efficient listing of key concepts
- Key terms
- Strategies for difficult concepts