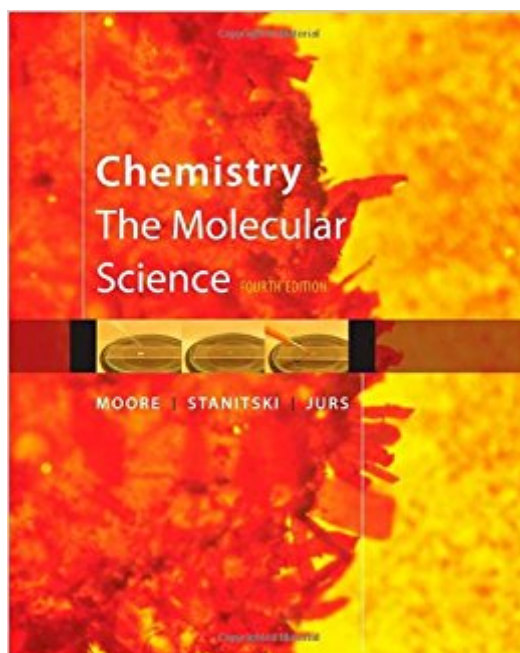


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# Chemistry: The Molecular Science



## Synopsis

Your students will be engaged in the active study of chemistry with CHEMISTRY: THE MOLECULAR SCIENCE, Fourth Edition. Authors Moore, Stanitski, and Jurs infuse their text with timely applications that reveal chemistry as a lively and relevant subject that is fundamental to a broad range of disciplines such as engineering, biology, and environmental science. The Fourth Edition features an enhanced problem-solving methodology, a complete revision of its award-winning art program to even better help students visualize chemical processes at a molecular level, integrated coverage of organic and biochemistry content, and full media integration with OWL Online Web Learning and Go Chemistry. New content, more visualization problems, updated applications in a wide range of disciplines, and unique new end-of-chapter "grid" questions based on award-winning chemistry education research have been added throughout the text. In addition, many of the book's end-of-chapter questions are accompanied by interactive, assignable, online lessons in OWL--the #1 online learning system for chemistry.

## Book Information

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## Customer Reviews

John W. Moore received an A.B. magna cum laude from Franklin and Marshall College and a Ph.D. from Northwestern University. He held a National Science Foundation (NSF) postdoctoral fellowship at the University of Copenhagen and taught at Indiana University and Eastern Michigan University before joining the faculty of the University of Wisconsin-Madison in 1989. At the University of Wisconsin, Dr. Moore is W.T. Lippincott Professor of Chemistry and Director of the Institute for Chemical Education. He was Editor of the Journal of Chemical Education (JCE) from 1996 to 2009.

Among his many awards are the American Chemical Society (ACS) George C. Pimentel Award in Chemical Education and the James Flack Norris Award for Excellence in Teaching Chemistry. He is a Fellow of the ACS and of the American Association for the Advancement of Science (AAAS). In 2003 he won the Benjamin Smith Reynolds Award at the University of Wisconsin-Madison in recognition of his excellence in teaching chemistry to engineering students. Dr. Moore is a major developer of online chemistry learning materials having collected and developed both video and tutorial materials available through the NSF-sponsored ChemEd DL. Conrad L. Stanitski is currently a Visiting Scholar at Franklin and Marshall College and is Distinguished Emeritus Professor of Chemistry at the University of Central Arkansas. He received his B.S. in Science Education from Bloomsburg State College, M.A. in Chemical Education from the University of Northern Iowa, and Ph.D. in Inorganic Chemistry from the University of Connecticut. He has co-authored chemistry textbooks for science majors, allied health science students, non-science majors, and high school chemistry students. Among Dr. Stanitski's many awards are the American Chemical Society (ACS) George C. Pimentel Award in Chemical Education, the CMA CATALYST National Award for Excellence in Chemistry Teaching, the Gustav Ohaus-National Science Teachers Association Award for Creative Innovations in College Science Teaching, the Thomas R. Branch Award for Teaching Excellence and the Samuel Nelson Gray Distinguished Professor Award from Randolph-Macon College, and the 2002 Western Connecticut ACS Section Visiting Scientist Award. He was Chair of the American Chemical Society Division of Chemical Education (2001) and has been an elected Councilor for that division. He is a Fellow of the American Association for the Advancement of Science (AAAS). An instrumental and vocal performer, he also enjoys jogging, tennis, and reading. Peter C. Jurs is Professor Emeritus of Chemistry at the Pennsylvania State University. Dr. Jurs earned his B.S. in Chemistry from Stanford University and his Ph.D. in Chemistry from the University of Washington. He then joined the faculty of Pennsylvania State University, where he has been Professor of Chemistry since 1978. Dr. Jurs's research interests have focused on the application of computational methods to chemical and biological problems, including the development of models linking molecular structure to chemical or biological properties (drug design). For this work he was awarded the A.C.S. Award for Computers in Chemistry in 1990. Dr. Jurs has been Assistant Head for Undergraduate Education at Penn State, and he works with the Chemical Education Interest Group to enhance and improve the undergraduate program. In 1995, he was awarded the C. I. Noll Award for Outstanding Undergraduate Teaching. Dr. Jurs serves as an elected Councilor for the American Chemical Society Computer Division and he was recently selected as a Fellow of the American Cancer Society.

I rented this book because I needed it for school. I honestly didn't use it so I can't say if it was helpful, plus I feel like that would depend on your teacher's plan for the semester. I rented the book instead of buying it. I rented it for like twenty bucks, which you can't beat. Plus I didn't need to pay for shipping it back. All I had to do was print out the shipping label, went to a UPS store and pay for the package to send it back in. It was like maybe three dollars. It was nice. If you are going to get a text book, rent them from . It's easier and cheaper.

Came Early this is the Old edition but still useful

The book was said to be in good condition but the condition was okay at best. The corners of the book were completely frayed.

It's a chemistry book so you know what to expect. The only issue I have is the writer seems to write to an audience that are graduate students, not undergraduates. That being said... It's a chem book...

Got it for a class. Shipped in a week, got the job done.

Everything makes sense with this book! I would recommend buying the supplement for the homework answers in the back. It would help a ton. Only thing i have yet to do.

I like it

Just what I needed for class.

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