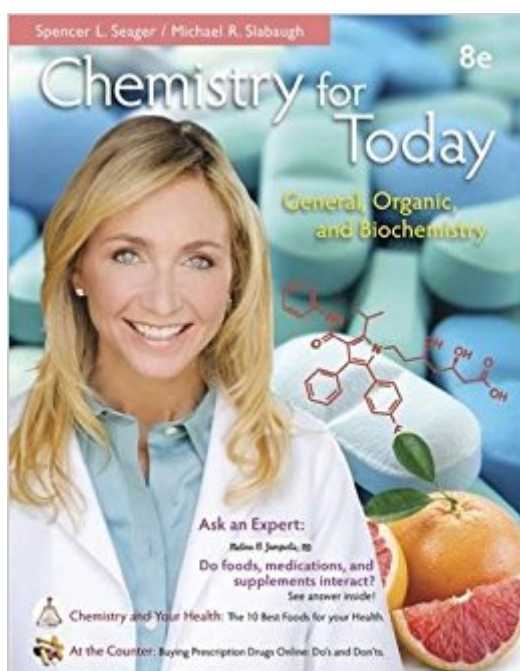


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Safety-Scale Laboratory Experiments For Chemistry For Today (Brooks/Cole Laboratory Series For General, Organic, And Biochemistry)



Synopsis

This proven lab manual offers a unique blend of laboratory skills and exercises that effectively illustrate concepts from the main text, CHEMISTRY FOR TODAY: GENERAL, ORGANIC, AND BIOCHEMISTRY, 8e. The book's 15 general chemistry and 20 organic/biochemistry safety-scale laboratory experiments use small quantities of chemicals and emphasize safety and proper disposal of materials. "Safety-scale" is the authors' own term for describing the amount of chemicals each lab experiment requires--less than macroscale quantities, which are expensive and hazardous, and more than microscale quantities, which are difficult to work with and require special equipment.

Book Information

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Spencer L. Seager retired from Weber State University in 2013 after serving for 52 years as a faculty member of the chemistry department. He served as department chairman from 1969 until 1993 and taught general and physical chemistry at the university. Dr. Seager was also active in projects designed to help improve chemistry and other science education in local elementary schools. He received his B.S. in chemistry and Ph.D. in physical chemistry from the University of Utah. He currently serves as an adjunct professor at Weber State and the University of South Dakota, where he teaches online courses in general chemistry, elementary organic chemistry, and elementary biochemistry. Michael R. Slabaugh is Professor of Chemistry at Weber State University, where he teaches the year-long sequence of General, Organic, and Biochemistry. He received his B.S. in chemistry from Purdue and his Ph.D. in organic chemistry from Iowa State University. His interest in plant alkaloids led to a year of postdoctoral study in biochemistry at Texas A & M. His current professional interests are chemistry education and community involvement in science activities, particularly the State Science and Engineering Fair in Utah.

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