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## Further Readings for Chapter 2

- Armbruster, P., and Hessberger, F. P. September 1998. Making new elements. *Scientific American* 279(3):72. The process of creating new artificial elements is examined.
- Caret, R. L., et al. 1997. *Principles and applications of organic and biological chemistry*. 2d ed. Dubuque, Ia.: Wm. C. Brown Publishers. For undergraduates, this text emphasizes material unique to health-related studies.
- Chang, R. 2001. *Chemistry*. 7th ed. Dubuque, Ia.: McGraw-Hill. This general chemistry text provides a foundation in chemical concepts and principles, and presents topics clearly.
- Chapman, C. 1999. *Basic chemistry for biology*. 2d ed. Dubuque, Ia.: WCB/McGraw-Hill. The goal of this workbook is to provide a review of basic principles for biology students.
- Gerstein, M. and Levitt M. November 1998. Simulating water and the molecules of life. *Scientific American* 279(5):100. The water inside cells helps to shape cells and joins in their chemistry. Using computers, chemists can simulate how water influences the dynamics of biological molecules.
- Ross, F. C. 1997. *Foundation of allied health sciences: An introduction to chemistry and cell biology*. Dubuque, Ia.: Wm. C. Brown Publishers. This introductory text provides the background necessary for students in allied health sciences.
- Scerri, E. R. September 1998. The evolution of the periodic system. *Scientific American* 279(3):78. Article discusses the history and evolution of the periodic table.
- Schwartz, A. T., et al. 1997. *Chemistry in context: Applying chemistry to society*. 2d ed. Dubuque, Ia.: Wm. C. Brown Publishers. This introductory text is designed for students in the allied health fields.
- Wettlaufer, J. S. and Dash, J. G. February 2000. Melting below zero. *Scientific American* 282(2):50. Surface melting not only makes ice slippery, it causes frost heaves and can also unleash lightning from the clouds.