



# "The Many Faces of Chemistry"

## Book Resources

### National Chemistry Week - October 21-27, 2007



Below are selected titles for use in conjunction with NCW theme activities.

Levels: **(E)** Elementary (K-4), **(I)** Intermediate (6-8), **(HS)** High School (9-12), **(C)** College and **(G)** General Public.

## Careers in Chemistry and Science

American Chemical Society. **People who took chemistry, that's who!** (Written and directed by **Robert Kaper**). 1 videocassette (ca. 16 min.). American Chemical Society, Washington, DC, 1992. **(HS, G)**

Film covering lives of chemists working in industry.

Balbes, Lisa. **Nontraditional careers for chemists: New formulas in chemistry**. Oxford University Press, 2006. ISBN 0195183665 **(HS, C)**

Bortz, Alfred B. **To the young scientist: reflections on doing and living science**. New York: F. Watts, 1997. 128 pp. ISBN 0531113256 **(I, HS)**

Profiles of well-known scientists including both work and personal lives.

Chanko, Pamela, and Samantha Berger. **Scientists**. (*Learning Center Emergent Readers*). New York: Scholastic, 1999. various pp. ISBN 0439046017 **(E)**

Simple text and photos present many different kinds of scientists.

Garrett, Ginger. **Scientists ask questions**. (*Rookie Read-About Science*). Danbury: Scholastic Library Publishing, 2004. 32 pp. ISBN 9780516236148 **(E)**

Explains in simple terms how scientific inquiry works.

Hawkhill Video. **Chemists at work**. 1 videocassette (41 min.). Hawkhill Associates, Madison, WI, 1999. **(HS, G)**  
History of chemists featuring interviews with modern chemists.

Ingram, Jay, and Tina Holdcroft. **Real live science**. Toronto: Greey de Pencier Books, 1992. 48 pp. ISBN 092077587X **(E, I)**

Introduces 21 renowned scientists and includes activities related to their research.

Lehn, Barbara, and Carol Krauss. **What is a scientist?** Brookfield, CT: Millbrook Press, 1998. (unpaged) pp. ISBN 0761312722 **(E)**

Simple, but appealing, introduction to the scientific process.

Rowh, Mark, Stephen E. Lambert, and Julie DeGalan. **Great jobs for chemistry majors**. 2nd ed. Lincolnwood, IL: VGM Career Horizons, 2006. 208 pp. ISBN 0844219150 **(HS)**

Career guide for students preparing to enter the working world.

Sipiera, Paul P. **I can be a chemist**. Chicago: Scholastic Library Publishing, 1992. 32 pp. ISBN 0516019651 **(E)**

Attractive book with pictures and text presents different fields of chemistry.

Thompson, Kim Mitzo, and Karen Mitzo Hilderbrand. **Chemistry** Music CD. Twin Sisters Productions, LLC, Akron, OH, 1996. **(E, I)**

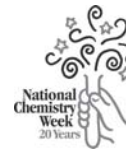
Twelve songs help children learn what chemists do.

Trumbauer, Lisa Saunders-Smith Gail. **Everyone is a scientist**. Mankato, MN: Yellow Umbrella Books, 2001. 16 pp. ISBN 0736807225 **(E)**

Early reader book introduces children to scientific method.



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## Biographies of Chemists and Other Scientists

Hudson, Wade. **Scientists, healers, and inventors: an introduction for young readers.** (*Book of black heroes*). East Orange, NJ: Just Us Books, 2003. 70 pp. ISBN 0940975971 (*E, I*)  
Covers many lesser known scientists, as well as more familiar researchers.

Kahn, Jetty. **Women in chemistry careers.** (*Capstone short biographies*). Mankato, MN: Capstone Books, 2000. 48 pp. ISBN 0736803157 (*E, I*)  
Describes the careers of five women working chemistry.

Krapp, Kristine M. **Notable Black American scientists.** Detroit: Gale Research, 1999. 349 pp. ISBN 0787627895 (*HS, G*)  
Covers 250 black Americans who made contributions in sciences. A 2nd edition will be published in 2008.

Oleksy, Walter G. **Hispanic-American scientists.** (*American profiles*). New York: Facts on File, 1998. 120 pp. ISBN 0816037043 (*I, HS*)  
Profiles of ten scientists, including Nobelist in Chemistry, Mario Molina.

Proffitt, Pamela. **Notable women scientists.** Detroit: Gale Group, 1999. 668 pp. ISBN 0787639001 (*I, HS*)  
Covers 485 women from ancient times to present, and includes several useful indexes.

St. John, Jetty. **Native American scientists: Fred Begay, Wilfred F. Denetclaw Jr., Frank C. Dukepoo, Clifton Poodry, Jerrel Yakel.** (*Capstone short biographies*). Mankato, MN: Capstone Press, 1996. 48 pp. ISBN 1560653590 (*E*)  
Five brief biographies of scientists in biological and physical sciences.

Sullivan, Otha Richard, and James Haskins. **African American women scientists and inventors.** (*Black stars*). New York: Wiley, 2002. 160 pp. ISBN 047138707X (*I, HS*)  
Comprised of 26 brief biographies, including Madame C. J. Walker, a developer of personal beauty products.

World Book Inc. **World Book's biographical encyclopedia of scientists.** 8 vols. Chicago: World Book, 2003. 1536 pp. ISBN 0716676001 (set) (*I, HS, C*)  
Comprehensive resource with more than 1300 entries, including many famous chemists.

Yount, Lisa. **Asian-American scientists.** (*American profiles*). New York: Facts on File, 1998. 112 pp. ISBN 0816037566 (*I, HS*)  
Profile 12 Asian-Americans who made significant contributions to different fields of science.