

Genetics and Cancer

A Pathfinder

The Learning Center provides materials for information and convenience only; do not substitute this information for advice from a health care professional. Medical information is often controversial and continually changes. Please consult your health care provider to discuss your specific concerns.

The Learning Center locations provide a wide range of materials, and each site's resources are different. Please call ahead to learn which location contains the resources you need. The Learning Center staff provides skilled, individualized service and will be happy to help you.

For more information, or if you have questions, please call, e-mail or visit The Learning Center.

Levit Learning Center

Mays Clinic

Floor 2, near The Tree Sculpture,
Room ACB2.1120

Monday – Friday, 9 a.m.-4 p.m.

713-563-8010

E-mail: asktlcstaff@mdanderson.org

Law Learning Center

Main Building

Floor 4, near Elevator A,
Room R4.1100

Monday – Friday, 9 a.m.-4 p.m.

713-745-8063

Books

*Indicates reference only (unavailable for check out)

Andrews L. *Future Perfect: Confronting Decisions About Genetics*. New York, NY: Columbia University Press; 2001. QZ 50 A567f

Bozzone D. *Cancer Genetics*. New York, NY: Chelsea House; 2007. QZ 202 B793c

Burdon R. *The Suffering Gene*. Montreal, Quebec: McGill Queen's University Press; 2003. QZ 202 B951s

Davies K. *Cracking the Genome: Inside the Race to Unlock Human DNA*. New York, NY: The Free Press; 2001. QH 447 D256c

*Ellis C. *Inherited Cancer Syndromes: Current Clinical Management*. New York, NY: Springer Verlag; 2004. QZ 200 I55 2004

Gonick L, Wheelis M. *The Cartoon Guide to Genetics*. New York, NY: Harper Perennial; 1991. QH 436 G638c

Greaves M. *Cancer: The Evolutionary Legacy*. New York, NY: Oxford University Press; 2000. QZ 200 G787c

*Hodgson S. *A Practical Guide to Human Cancer Genetics*. 3rd ed. New York, NY: Cambridge University Press; 2007. QZ 202 H691p

Kristol W, Cohen E. *The Future Is Now*. Lanham, Md: Rowman & Littlefield; 2002. QH 442.2 F996

- McConkey E. *How the Human Genome Works*. Sudbury, Mass: Jones & Bartlett Publishers; 2004. QU 470 M171h
- McGee G. *Beyond Genetics: Putting the Power of DNA to Work in Your Life*. New York, NY: W Morrow; 2003. QH 442 M145b
- *McKinnell R. *The Biological Basis of Cancer*. New York, NY: Cambridge University Press; 2006. QZ 200 B6157 2006
- Panno J. *Cancer: The Role of Genes, Lifestyle & Environment*. New York, NY. Facts on File Inc; 2005. QZ 202 P194c 2005
- Reilly P. *Is It in Your Genes? The Influence of Genes on Common Disorders and Diseases That Affect You and Your Family*. Cold Spring Harbor, NY: Cold Spring Harbor Laboratory Press; 2004. QZ 50 R362i
- Ridley M. *Nature via Nurture: Genes, Experience & What Makes Us Human*. New York, NY: Harper Collins; 2003. QH 438.5 R546n
- Shawker T. *Unlocking Your Genetic History*. Nashville, Tenn: Rutledge Hill Press; 2004. QZ 50 S537u

Videos

Some videos are available for check out; ask a staff member for assistance.

- Hone R. *Promise & Perils of Biotechnology: Genetic Testing*. Plainview, NY: Cold Springs Harbor Laboratory Press; 1996. QZ 50 VHS 1625
- National Institute of Environmental Health Sciences. *Sister by Sister: Discovering the Causes of Breast Cancer*. Washington, DC: Double R Productions; 2005. WP 870 VHS 413
- Paterson N, Flynn B. *The Ghost in Your Genes*. Princeton, NJ: Films for the Humanities & Sciences; 2006. QU 475 DVD 1623
- Roberts C. *Genetic Testing for Breast Cancer Risk: It's Your Choice*. Bethesda, Md: National Cancer Institute; 1997. WP 870 VHS 1627
- Somerville B, et al. *Genetics: A Popular Guide to the Principles of Human Heredity (Parts One, Two and Three)*. Westmead, Australia: Animated Biomedical Productions; 1997. QU 450 VHS 1630

Internet Resources

The University of Texas M. D. Anderson Cancer Center Clinical Cancer Genetics

<http://www.mdanderson.org/departments/ccg/>

Specially trained genetic counselors and physicians work together to provide education, hereditary cancer risk assessment, genetic counseling and genetic testing, individualized cancer screening and prevention programs to people who are concerned about their personal and family history of cancer.

National Cancer Institute

<http://www.cancer.gov/cancertopics/prevention-genetics-causes/genetics>

This site is NCI's gateway for information about cancer genetics.

The National Human Genome Research Institute

<http://www.genome.gov/health>

This site gives information about genetic and rare diseases and genetic research to improve health.

National Cancer Institute's Cancer Genome Anatomy Project

<http://cgap.nci.nih.gov>

The goal of the NCI's Cancer Genome Anatomy Project is to determine the gene expression profiles of normal, precancer and cancer cells, leading eventually to improved detection, diagnosis and treatment for patients.

Genetics Home Reference

<http://ghr.nlm.nih.gov>

This site contains information about genetic conditions and the genes responsible. To see an overview, click *Help Me Understand Genetics*. The site also contains a glossary.

Genetic Alliance, Inc.

<http://www.geneticalliance.org>

Genetic Alliance is a coalition of more than 600 advocacy organizations serving 25 million people affected by 1,000 conditions.

The Dolan DNA Learning Center

<http://www.dnalc.org>

Sponsored by the Cold Spring Harbor Laboratory, this site is dedicated to promoting public understanding of genetics. It has a multimedia review of genetics, information on genetic disorders and more.

Cytogenetics Gallery

<http://www.pathology.washington.edu/Cytogallery/>

This site explains chromosomes and contains images of various genetic abnormalities, including the Philadelphia chromosome.

CancerBACUP

<http://www.cancerbacup.org.uk/Aboutcancer/Genetics/Cancergenetics>

This section of the site outlines how specific genes are sometimes involved in the development of some cancers. Review the menu on the left to find information.

Center for Disease Control

<http://www.cdc.gov/genomics/default.htm>

This Genomics and Prevention Web site has a slide presentation on genetics and genomes. Click on *General Public* and find various genetic and genome topics.

People Living With Cancer

<http://www.plwc.org>

Using the menu, click *Learning About Cancer* and then *Genetics*.

