



New England Regional Genetics Group, Inc.

**genetics resources:  
a regional directory**

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This resource directory is a supplement to and not a substitute for medical advice. Patients with specific questions about genetic counseling or testing should contact their healthcare provider or a genetics clinic.

# NERGG, Inc.

*Continuing the mission of the* NEW ENGLAND REGIONAL GENETICS GROUP

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NEW ENGLAND REGIONAL GENETICS AND NEWBORN SCREENING COLLABORATIVE  
HRSA GRANT # 1U22MC03959  
09/01/2004-05/31/2007  
Thomas Brewster, MD  
Project Director

Dear Reader:

I am pleased to present the New England Regional Genetics Group, Inc.'s latest endeavor, Genetics Resources: A Regional Directory.

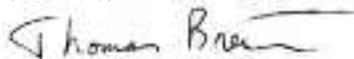
Advances in genetics hold the promise of great benefits to the health of New England residents. Yet there is a growing need for enhanced genetics knowledge among physicians, other health care providers, and the general public. To help meet this need, the Department of Public Health in Connecticut developed a genetics resources directory, and the health departments within our region supplemented it with their information. By joining forces, this wealth of information was created for accessing local, regional, and national genetics resources. This directory was developed to help New England residents and their medical caregivers access information about the significant role that genes play in human health and disease, and locate services such as genetic testing, treatment, and follow-up.

The Directory begins with an overview of basic genetics and provides listings for national genetics organizations. It also includes support groups for various conditions and lists specialized resources and supports for each condition whenever possible.

Each state has a listing of its genetic services, including clinical, public health and laboratory.

We hope you find this Directory a useful tool in your search for genetics information. We welcome your feedback on its utilization and your suggestions regarding future public education efforts in genetics.

Sincerely,



Thomas Brewster, MD

# ACKNOWLEDGEMENTS

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# PREFACE

Rapid developments in genetics research have led increasingly to the integration of genetics into medical practice. The communication of genetic information between medical providers and patients, patients and their medical providers, and genetic services and the public will require special caution and counseling because genetics and genetic information affect people in unique ways. Such information can predict events that occur years in the future, or not at all. It may predict the future of other family members, and has the potential to challenge, and even stigmatize both individuals and families.

Genetics Resources: A Regional Directory, is the product of a multi-year genetics planning initiative at the Connecticut Department of Public Health. Its development was prompted by concern that a lack of general, current genetics knowledge among the public and medical professionals could result in missed health promotion opportunities. The expansion of the directory to include resources outside Connecticut was undertaken by the New England Public Health Genetics Education Collaborative of the NERGG, Inc. Updating this directory is an important part of a strategy to increase genetics literacy for all.

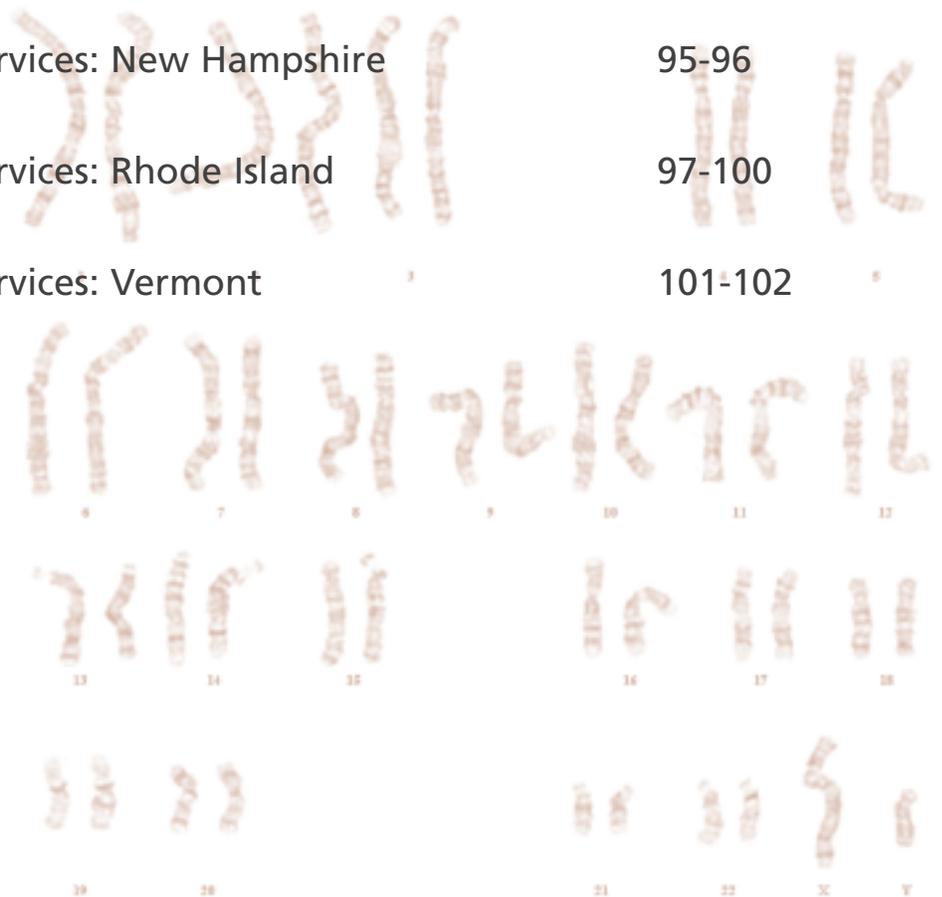
This directory is intended to help the general public, affected families, and the medical community to further their knowledge of genetics, genetic conditions, services, and supports and to make it easier to locate and access resources. The information and resources in this Directory extend beyond those related to traditional public health efforts in screening newborns for inherited disorders. Rather they encompass the impact of genetics across the entire lifespan. Wherever possible, additional sources of published information accompany listings related to a particular diagnosis or genetic condition.

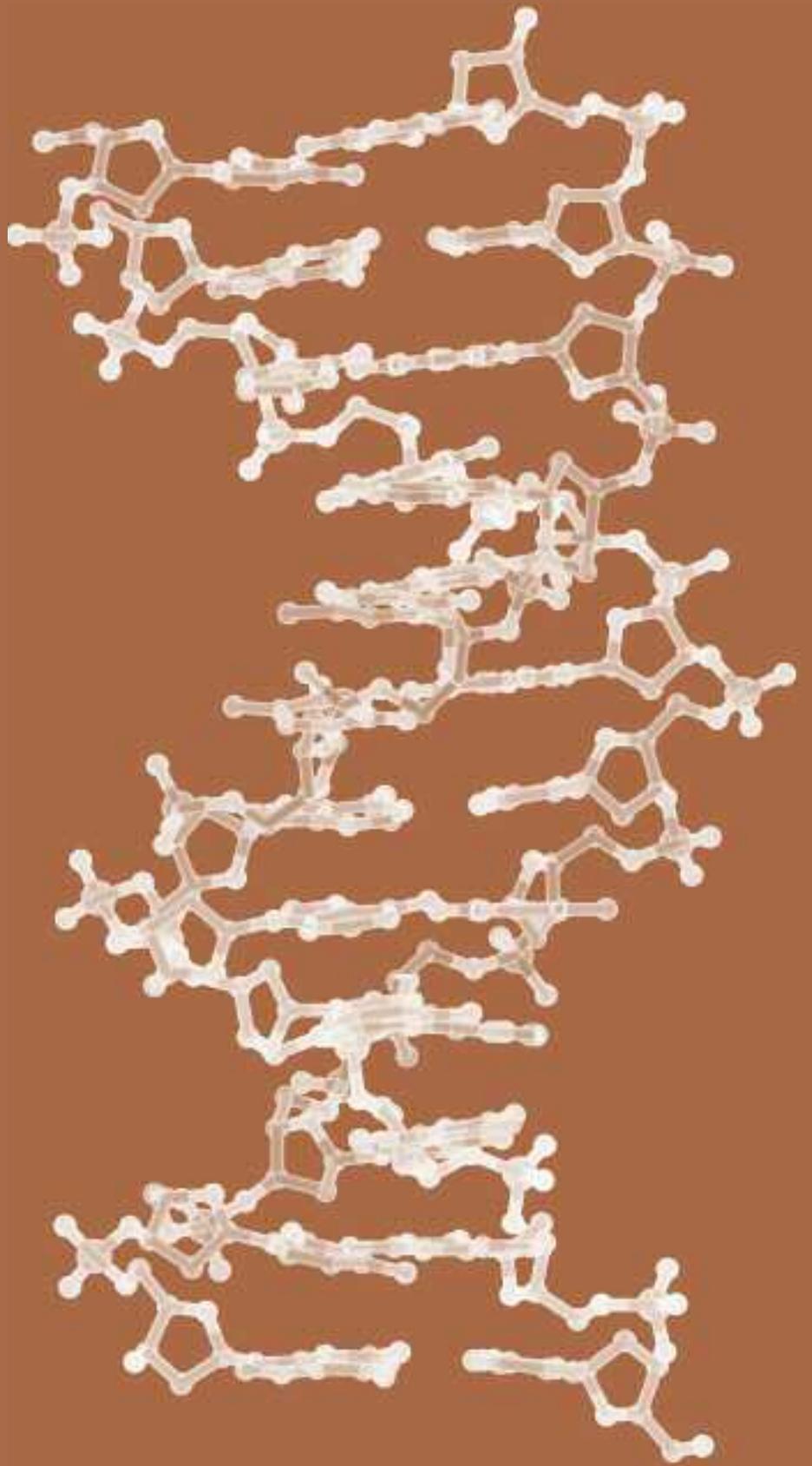
This second draft of Genetics Resources: A Regional Directory, will require revision and updating with new resources as the “genomics revolution” continues to expand, creates new challenges and necessitates the creation of new resources in response to them.

As planning and preparation continue to address the impact of genetic developments on public health in New England, the need for sharing timely, accurate and useful information will grow. Public health departments will continue to play a critical role in addressing these challenges.

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I.

GENETICS THROUGHOUT THE LIFESPAN



Human genetics. Understanding ourselves and our make-up from the most basic perspective can be overwhelming. The study of genetics (single genes and their effects), once considered obscure has now been confounded by genomics--the study of all the genes in an individual and how they interact with each other and with the environment to create the complexity of life. Even today, with the completion of the Human Genome Project and the related media exposure, the risk for birth defects or genetic disease is often viewed as a “one in-a-million” possibility. Many people believe that genomics is unrelated to their daily lives. The reality, however, is that genomic medicine-- using genetic information to diagnose and treat disease--is here to stay and most people will benefit from genetic testing and information at some time in their lives.

Genetics is the study of heredity. It concerns the transfer of qualities or traits from one generation to the next. The basic units of heredity are genes. Genes are made of DNA (deoxyribonucleic acid) and come in pairs, and are packaged in structures called chromosomes, which collectively form an organism's genome.

Most cells in an individual contain every gene in its entire genome. It was originally believed that humans had approximately 100,000 genes; however, it is now known that the human genome contains only about 20,000-25,000 genes. Humans have a total of 46 chromosomes representing 23 pairs. We get 23 chromosomes from our mother, via the egg, and 23 chromosomes from our father, via the sperm. The joining of egg and sperm at conception results in a fertilized egg with its full complement of chromosomes. Of the 23 pairs of chromosomes, 22 pairs are called the autosomes. The 23rd pair consists of the sex chromosomes. Females have two “X” chromosomes, and males have one “X” chromosome and one “Y” chromosome.

Most things about us, including, in part, our health, are determined by our genes. Our genetic blueprint not only determines whether or not our children might have a

serious genetic disorder, but may also determine our chances of developing a chronic disease or our susceptibility to an infectious disease.

Traditionally, genetic testing and counseling have centered on prenatal and pediatric genetic diagnoses. This is changing: genetics is rapidly expanding into other medical fields, including adult medicine. However, there are key times throughout the lifespan that genetic issues are more likely to be encountered.

Historically, pregnant women 35 years of age or older at the time of expected delivery were the typical prenatal genetics referral. Now, with the

growing list of prenatal testing options, all pregnant women and women planning a pregnancy are potential candidates for genetic counseling, regardless of their age. Parental carrier testing is routinely available for a variety of genetic diseases that are more common in specific racial and ethnic groups. Sperm and egg donors are often asked to submit to a



variety of genetic tests. When couples are known to be at risk for a baby with genetic disease, pre-implantation genetic diagnosis affords the option of testing fertilized eggs in-vitro prior to transfer to the uterus.

Each year, millions of newborns receive newborn screening for various genetic, metabolic, and infectious disorders. The goal of State newborn screening programs is to identify affected newborns before the onset of symptoms. Medical treatment can be promptly initiated to prevent irreversible medical problems or even death. Information about each state's newborn screening program is available on its health department's web site, (see Genetic Services section of this directory).

The identification of susceptibility genes for common adult-onset genetic diseases is moving the field of genetics in a new and demanding direction. Diabetes, certain cancers, and Alzheimer's disease are a few conditions for which a genetic component has been identified. Of the top ten leading causes of death in the U.S., all but one (injuries) has a genetic component.

Pre-symptomatic and susceptibility genetic testing have created an entirely new concept-- Healthy individuals who are expected to develop or have an increased risk to develop a disorder. The psychosocial implications of this information represent a continuing challenge to the genetics profession.

Genetics professionals have valid ethical concerns about genetic testing and genomic medicine. They worry about the possible misuse of information about genetic traits as a basis for denial of health coverage or employment. Other ethical issues in the field of genetics include: gene patents, the storage of DNA samples, and testing minors for adult-onset conditions. Given these concerns, detailed counseling, informed consent, and confidentiality are essential components of the genetic testing process.



Prepared by the CT Department of Public Health



# II.

UMBRELLA ORGANIZATIONS & REFERENCES



## A. Umbrella Organizations and References:

### **GENETIC ALLIANCE**

4301 Connecticut Avenue, NW  
Suite 404  
Washington, DC 20008  
Phone: 800-336-4363 or 202-966-5557  
Fax: 202-966-8553  
Email: [info@geneticalliance.org](mailto:info@geneticalliance.org)  
**[www.geneticalliance.org](http://www.geneticalliance.org)**

The Genetic Alliance is an international coalition comprising millions of individuals with genetic conditions and over 600 advocacy, research and health care organizations. The staff and board work together to empower individuals and families living with genetic conditions.

### **MARCH OF DIMES**

1275 Mamaroneck Avenue  
White Plains, NY 10605  
Phone: 888-663-4637 or 914-428-7100  
Fax: 914-997-4763  
Email: [askus@marchofdimes.com](mailto:askus@marchofdimes.com)  
**[www.modimes.org](http://www.modimes.org)**

The mission of the foundation is to improve the health of babies by preventing birth defects and infant mortality. The March of Dimes funds programs of research, community services, education, and advocacy.

Connecticut Chapters:  
255 Pitkin Street  
East Hartford, CT 06108  
Phone: 860-290-5440  
Fax: 860-290-5433  
Email: [CT322@marchofdimes.com](mailto:CT322@marchofdimes.com)  
**[www.marchofdimes.com/connecticut](http://www.marchofdimes.com/connecticut)**

South Division:  
11 Belden Avenue  
Norwalk, CT 06850  
Phone: 203-849-9800  
Fax: 203-847-8060  
Email: [CT322@marchofdimes.com](mailto:CT322@marchofdimes.com)  
**[www.marchofdimes.com/connecticut](http://www.marchofdimes.com/connecticut)**

Maine Chapters:  
60 Gray Road, Unit #8  
Falmouth, ME 04105-2024  
Phone: 207-878-1199  
Fax: 207-878-1166  
Email: ME376@marchofdimes.com  
**www.marchofdimes.com/maine/**

Maine Satellite:  
51 Fern Street  
Turner, ME 04282  
Phone: 207-225-6155  
Fax: 207-225-6156

Northern Division:  
12 Acme Road  
Brewer, ME 04412  
Phone: 207-989-3376  
Fax: 207-989-5500

Massachusetts Chapter:  
114 Turnpike Road, Suite 202  
Westborough, MA 01581  
Phone: 508-366-9066  
Fax: 508-366-6634  
Email: MA625@marchofdimes.com  
**www.marchofdimes.com/  
massachusetts/**

Southeastern Division:  
895 Mary Dunn Rd.  
Hyannis, MA 02601  
Phone: 508-790-1093  
Fax: 508-790-1094

New Hampshire Chapter:  
22 Bridge Street  
Concord, NH 03301  
Phone: 603-228-0317  
Fax: 603-228-0318  
Email: NH634@marchofdimes.com  
**www.marchofdimes.com/  
newhampshire/**

Rhode Island Chapter:  
260 West Exchange Street, Suite 002  
Providence, RI 02903  
Phone: 401-454-1911  
Fax: 401-454-1970  
Email: RI440@marchofdimes.com  
**www.marchofdimes.com/rhodeisland/**

Vermont Chapter:  
107 N Main Street  
Barre, VT 05641  
Phone: 802-479-3265  
Fax: 802-479-0957  
Email: VT478@marchofdimes.com  
**www.marchofdimes.com/vermont/**

### **NEW ENGLAND REGIONAL GENETICS GROUP, INC.**

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Needham, MA 02492  
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**www.nergg.org**

NERGG, Inc., formerly known as the New England Regional Genetics Group, is a consortium of genetic health services providers, representatives of the New England public health community, and support groups and individuals with interest in genetics. NERGG, Inc.'s purpose is to promote the health of both children and adults by increasing the awareness of genetic concerns, the understanding of the role of genetics in health care, and the availability of appropriate services. NERGG, Inc. has a particular interest in programs with regional perspectives and activities. NERGG, Inc. is committed to, and actively involved in: public and professional education, data collection and dissemination, quality improvement in clinical care, application of new technologies, and the social and ethical issues associated with human genetics.



## **NATIONAL HEALTHY MOTHERS, HEALTHY BABIES COALITION**

121 North Washington Street  
Suite 300

Alexandria, VA 22314

Phone: 703-836-6110

Fax: 703-836-3470

Email: [info@hmhb.org](mailto:info@hmhb.org)

[www.hmhb.org](http://www.hmhb.org)

Focuses attention on raising public awareness of the basic components of prenatal care – early care, good nutrition, avoidance of drugs (e.g., tobacco and alcohol), and promotion of breastfeeding.

## **NATIONAL ORGANIZATION FOR RARE DISORDERS (NORD)**

55 Kenosia Avenue

P.O. Box 1968

Danbury CT 06813

Phone: 800-999-6673 or 203-744-0100

Fax: 203-798-2291

Email: [orphan@rarediseases.org](mailto:orphan@rarediseases.org)

[www.rarediseases.org](http://www.rarediseases.org)

NORD is a unique federation of voluntary health organizations dedicated to helping people with rare “orphan” diseases and assisting the organizations that serve them. NORD is committed to the identification, treatment, and cure of rare disorders, through programs of education, advocacy, research, and service.

## **B. On-Line Resources**

### **ON-LINE MENDELIAN INHERITANCE IN MAN (OMIM)**

[www.ncbi.nlm.nih.gov/entrez/query/  
fcgi?db=OMIM](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=OMIM)

This database is a catalog of human genes and genetic disorders authored and edited by Dr. Victor A. McKusick and his colleagues.

### **GENETESTS**

[www.genetests.org](http://www.genetests.org)

Information for health professionals about hundreds of genetic tests. Also includes links to disease information and geographic listings of genetic services.

## **U.S. NATIONAL NEWBORN SCREENING STATUS REPORT**

[www.genes-rus.uthscsa.edu/  
nbsdisorders.pdf](http://www.genes-rus.uthscsa.edu/nbsdisorders.pdf)

Lists status of newborn screening in the United States, state by state, including links to additional conditions states are screening for using tandem mass spectrometry. Part of National Newborn Screening and Genetics Resource Center, a cooperative agreement between the Maternal and Child Health Bureau Genetic Services Branch and the University of Texas Health Science Center at San Antonio Department of Pediatrics.

## **NATIONAL INSTITUTES OF HEALTH www.nih.gov**

U.S. Department of Health and Human Services A-Z index of NIH health resources, clinical trials, health hotlines, MEDLINE plus, and drug information.

## **NATIONAL LIBRARY OF MEDICINE www.nlm.nih.gov**

Part of the NIH, the world’s largest medical library. Search on health topics, drug information, medical encyclopedia and dictionary, news, directories, and other resources. Includes a link to “Genetics Home Reference”, a web site for support information about genetic conditions, disease summaries, gene and chromosome summaries, and a glossary of genetics and medical terminology.

## **NATIONAL HUMAN GENOME RESEARCH INSTITUTE**

[www.genome.gov](http://www.genome.gov)

An on-line listing of information for researchers, consumers, support and advocacy groups, health professionals, and policy makers. Includes links to clinical genetics resources, search engines and family history tools, support resources, support groups, legal and ethical issues in genetics, and educational and genetic resources for health professionals such as primary care providers and nurses.

## **INFORMATION FOR GENETIC PROFESSIONALS**

**[www.kumc.edu/gec/geneinfo.html](http://www.kumc.edu/gec/geneinfo.html)**

This comprehensive on-line service, based at University of Kansas Medical Center, provides clinical, research, and educational resources for genetic counselors, clinical geneticists and medical geneticists. This site includes Human Genome Project resources, centers, news and other online sites; educational resources including curricula, lesson plans and activities, courses, books and other publications, videotapes, and computer programs; listings of upcoming professional meetings in genetics; and information on careers in human genetics.

## **C. Professional Genetics Societies**

### **AMERICAN COLLEGE OF MEDICAL GENETICS (ACMG)**

9650 Rockville Pike  
Bethesda, MD 20814  
Phone: 301-634-7127  
Fax: 301-634-7275  
Email: [acmg@acmg.net](mailto:acmg@acmg.net)  
**[www.acmg.net](http://www.acmg.net)**

ACMG is an organization composed of biochemical, clinical, cytogenetic, medical and molecular geneticists, genetic counselors and other health care professionals committed to the practice of medical genetics. The ACMG provides education, resources and a voice for the medical genetics profession. To make genetic services available to and improve the health of the public, the ACMG promotes the development and implementation of methods to diagnose, treat and prevent genetic disease.

### **AMERICAN SOCIETY FOR HUMAN GENETICS**

9650 Rockville Pike  
Bethesda, MD 20814  
Phone: 866-HUM-GENE or 301-634-7300  
Email: [society@ashg.org](mailto:society@ashg.org)  
**[www.ashg.org](http://www.ashg.org)**

The American Society for Human Genetics

is composed of researchers, academicians, clinicians, laboratory professionals, genetic counselors, and nurses with the objectives of sharing research, informing health professionals, legislators, health policy makers and the public about human genetics, and facilitating interactions amongst these groups.

### **NATIONAL SOCIETY OF GENETIC COUNSELORS (NSGC)**

Executive Office  
401 N. Michigan Avenue  
Chicago, IL 60611  
Phone: 312-321-6834  
Fax: 312-673-6972  
Email: [FYI@nsgc.org](mailto:FYI@nsgc.org)  
**[www.nsgc.org](http://www.nsgc.org)**

The NSGC is the leading voice, authority and advocate for the genetic counseling profession, with the aim of promoting the genetic counseling profession as a recognized and integral part of health care delivery, education, research and public policy. In addition, the NSGC promotes the professional interests of genetic counselors and provides a network for professional communications.

### **NATIONAL COALITION FOR HEALTH PROFESSIONAL EDUCATION IN GENETICS (NCHPEG)**

2360 West Joppa Road, Suite 320  
Lutherville, MD 21093  
Phone: 410-583-0600  
Fax: 410-583-0520  
Email: [geneticsinfo@nchpeg.org](mailto:geneticsinfo@nchpeg.org)  
**[www.nchpeg.org](http://www.nchpeg.org)**

NCHPEG is a national effort to promote health professional education and access to information about advances in human genetics. NCHPEG members are an interdisciplinary group of leaders from health professional organizations, support and voluntary groups, government agencies, private industry, managed care organizations and genetics professional societies seeking to capitalize on the collective expertise and experience of members and to reduce duplication of effort.

## D. Reference Texts

**Emery and Rimoin's Principles and Practices of Medical Genetics**  
by Connor, J. M., Pyeritz, R., Korf, B., and Rimoin, D.  
Churchill Livingstone, 4th Edition, 2001

Extensive reference on the basic science and clinical applications of medical genetics. For primary care physicians, specialists, and students.

**Management of Genetic Syndromes**  
by Cassidy, S. B. and Allanson, J. E.  
Wiley-Liss, 2001

Covers 30 common genetic syndromes. Information on incidence, etiology and pathogenesis, natural history, diagnostic criteria, spectrum of variation, recurrence risk in siblings and offspring, and availability of prenatal diagnosis and diagnostic testing.

**Smith's Recognizable Patterns of Human Malformation**  
by Jones, K. L.  
W. B. Saunders Company, 5th Edition, 1996

Clinical atlas of malformations. Discusses morphogenesis, genetics, genetic counseling and clinical diagnosis.

**The Metabolic and Molecular Bases of Inherited Disease**  
by Scriver, C. R., Sly W. S., Childs, B., Beaudet, A. L., Valle, D., Kinzler, K. W., and Vogelstein, B.  
McGraw-Hill, 8th Edition, 2000

The undisputed authority on genetic inheritance. Information about every known inherited disease.

**The Practical Guide to the Genetic Family History**  
by Bennett, R. L.  
Wiley-Liss, 1999

Thorough and well-organized with a complete index and references; especially useful for the primary care physician.

**Practical Genetic Counseling**  
by Harper, P. S.  
Arnold Publishers, 6th Edition, 2004

This book provides up to date guidance through the profusion of new genetic information and the associated psychosocial and ethical considerations and concerns.

**A Guide to Genetic Counseling**  
by Baker, D. L., Schuette, J. L., and Uhlmann, W. R.  
John Wiley & Sons, 1998

Defines theory, goals, and core competencies associated with the practice of genetic counseling.

**Structural Fetal Abnormalities: The Total Picture**  
by Sanders, R., Blackmon, L. and Rosenatien, B.  
Textbook paperback, 2002

Reference text of ultrasound diagnosed fetal anomalies.

**Ultrasound of Fetal Syndromes**  
by Benacerraf, B. R.  
Churchill Livingstone, 1998

Thorough quick reference volume of ultrasound anomalies and possible syndromic etiologies, juxtaposed with ultrasound findings in specific syndromes.





# III.

SUPPORT ORGANIZATIONS & RESOURCES

## ACHONDROPLASIA

*This section lists contact information for support groups, including New England state chapters where appropriate. If your state of interest does not appear to have a chapter for a particular group, we suggest contacting that group's national office for assistance.*

### **Little People of America**

5289 NE Elam Young Parkway  
Suite F-700  
Hillsboro, OR 97124  
Phone: 888-LPA-2001 or 503-846-1562  
Fax: 503-846-1590  
Email: [info@lpaonline.org](mailto:info@lpaonline.org)  
**[www.lpaonline.org](http://www.lpaonline.org)**

District 1 (CT, ME, MA, NH, RI, VT)  
Director, Casey Hubelbank  
Phone: 203-641-9760  
Email: [chayim76@yahoo.com](mailto:chayim76@yahoo.com)  
**[www.lpad1.org](http://www.lpad1.org)**

#### ADDITIONAL WEB RESOURCES:

### **International Skeletal Dysplasia Registry at Cedars-Sinai Health System**

**[www.csmc.edu/medgenetics/3086.asp](http://www.csmc.edu/medgenetics/3086.asp)**

A referral center for research into the diagnosis, management, and etiology of skeletal dysplasias.

#### ADDITIONAL LITERATURE:

### **Little People: Learning to See the World Through My Daughter's Eyes** **by Kennedy, D.** **Rodale Books, 2003**

Written by the father of a child with achondroplasia, this book confronts the deepest of parental fears: What if my child is different? His search for an answer provides a penetrating look at how our culture of diversity clashes with the reality of disability and the belief that we have a right to the so-called perfect child.

### **Stones from the River**

**by Hegi, U.**  
**Simon & Schuster, 1994**

Fictional story of a woman with a skeletal dysplasia, coming of age just as Hitler's pronouncements begin to threaten the Jewish residents of her town, and all of Germany.

**Mendel's Dwarf**  
by Mawer, S.  
Penguin Books, 1999

This novel tells the story of Benedict Lambert, a distant relative of Gregor Mendel. Like Mendel, Lambert is a brilliant geneticist. Unlike Mendel, Lambert is a dwarf. The story is a mix of humor and philosophy.

## ADRENAL DISORDERS

### National Adrenal Diseases Foundation

505 Northern Boulevard  
Great Neck, NY 11021  
Phone: 516-487-4992  
Fax: 516-829-5710  
Email: nadfmail@aol.com  
[www.medhelp.org/www/nadf.htm](http://www.medhelp.org/www/nadf.htm)

Connecticut Contact: Eileen Corey  
Phone: 203-283-3546  
Email: [ecorey76@hotmail.com](mailto:ecorey76@hotmail.com)

Maine Contact: Rachel Bennett  
Phone: 207-549-5583  
Email: [rbennett\\_sw@yahoo.com](mailto:rbennett_sw@yahoo.com)

#### ADDITIONAL WEB RESOURCES:

### Your Adrenal Glands [www.endocrineweb.com/adrenal.htm](http://www.endocrineweb.com/adrenal.htm)

Information on the anatomy and physiology of the adrenal glands.

## ALAGILLE SYNDROME

**Alagille Syndrome Alliance**  
10500 SW Starr Drive  
Tualatin, OR 97062  
Phone: 503-885-0455  
Email: [alagille@earthlink.net](mailto:alagille@earthlink.net)  
[www.alagille.org](http://www.alagille.org)

#### ADDITIONAL WEB RESOURCES:

**Cincinnati Children's Hospital Medical Center page on Alagille syndrome**  
[www.cincinnatichildrens.org/svc/pro/liver/diseases/alagille-syndrome.htm](http://www.cincinnatichildrens.org/svc/pro/liver/diseases/alagille-syndrome.htm)

Information on genetics, signs and symptoms,

diagnosis, treatment, and prognosis of Alagille syndrome.

## ALBINISM AND HYPOPIGMENTATION

### National Organization for Albinism and Hypopigmentation (NOAH)

P.O. Box 959  
East Hampstead, NH 03826  
Phone: 800-473-2310 or 603-887-2310  
Fax: 800-648-2310  
Email: [info@albinism.org](mailto:info@albinism.org)  
[www.albinism.org](http://www.albinism.org)  
For local resources, call national office.

### Hermansky-Pudlak Syndrome Network, Inc.

1 South Road  
Oyster Bay, NY 11771  
Contact: Donna Appell  
Phone: 800-789-9477 or 516-922-4022  
Fax: 516-624-0640  
Email: [dappell@hps.network.org](mailto:dappell@hps.network.org)  
[www.hermansky-pudlak.org](http://www.hermansky-pudlak.org)  
[www.hpsnetwork.org](http://www.hpsnetwork.org)

### Chediak Higashi Syndrome Association

A division of the Hermansky-Pudlak Syndrome Network.  
[www.chediak-higashi.org](http://www.chediak-higashi.org)

#### ADDITIONAL WEB RESOURCES:

### International Albinism Center at the University of Minnesota [www.sbs.umn.edu/iac](http://www.sbs.umn.edu/iac)

Web page of a multidisciplinary group of researchers with interests in clinical genetics, molecular biology, ophthalmology, dermatology, and biochemistry, all with the goal of understanding the causes and effects of albinism and other forms of pigment loss in humans.

#### ADDITIONAL LITERATURE:

**Too White to be Black and Too Black to be White**  
by Edwards, L.G.; Authorhouse, 2001

Expresses the true emotion and life experiences of the author, an African American with albinism.

## ALZHEIMER S DISEASE

### **Alzheimer's Association**

225 North Michigan Avenue  
Suite 1700  
Chicago, IL 60601  
Phone: 800-272-3900 or 312-335-8700  
Fax: 312-335-1110  
Email: info@alz.org  
**www.alz.org**

Connecticut Chapter:  
279 New Britain Road  
P.O. Box 454  
Kensington, CT 06037  
Phone numbers:  
Helpline: 866-363-6679  
Business line: 860-282-2828  
Fax: 860-828-2417  
**www.alzct.org** (links to 98 support groups)

Maine Chapter:  
163 Lancaster St; Suite 160B  
Portland, ME 04101  
Helpline: 800-660-2871  
Business Line: 207-772-0115  
Fax: 207-772-0354  
**www.mainealz.org**

Massachusetts Chapter:  
311 Arsenal Street  
Watertown, MA 02472  
Helpline(s): 800-548-2111  
Business Line: 617-868-6718  
Fax: 617-868-6720  
**www.alzmass.org**

Rhode Island Chapter:  
245 Waterman Street, Suite 306  
Providence, RI 02906  
Helpline(s): 800-244-1428  
Business Line: 401-421-0008  
Fax: 401-421-0115  
**www.alz-ri.org**

Vermont and New Hampshire Chapter:  
10 Ferry Street Suite 42B  
Concord, NH 03301  
Helpline(s): 800-272-3900  
Business Line: 802-477-7000  
Fax: 802-477-7003  
**www.alzvtnh.org**

### **Alzheimer's Foundation of America**

322 8th Avenue, 6th floor  
New York, NY 10001  
Phone: 866-232-8484  
Fax: 646-638-1546  
Email: info@alzfdn.org  
**www.alzfdn.org**  
(Members section links to local support groups by state)

#### ADDITIONAL WEB RESOURCES:

### **Alzheimer's Disease Education and Referral Center (ADEAR)**

**www.alzheimers.org**

A service of the National Institute on Aging, the ADEAR center is a site that can be used to find current, comprehensive Alzheimer's Disease information and resources.

#### ADDITIONAL LITERATURE:

### **Alzheimer's Early Stages: First Steps for Family, Friends, and Caregivers by Kuhn, D. and Bennett, D.A. Hunter House, 2nd Edition, 2003**

Information on risk factors, treatment, prevention, medications, financial aspects, and reflections by family members.

### **Learning to Speak Alzheimer's: A Groundbreaking Approach for Everyone Dealing with the Disease by Coste, J.K. Houghton Mifflin, 2003**

Provides hundreds of practical tips to ease life for everyone coping with Alzheimer's disease.

## AMYOTROPHIC LATERAL SCLEROSIS

### **ALS Association**

27001 Agoura Road  
Suite 150  
Calabasas Hills, CA 91301  
Phone: 800-782-4747 or 818-880-9007  
Fax: 818-880-9006  
Email: alsinfo@alsa-national.org  
**www.alsa.org**

Connecticut Chapter:  
4 Oxford Road  
Unit D1  
Milford, CT 06460  
Phone: 877-257-2281 or 203-874-5050  
Fax: 203-874-7070  
Email: jargento@alsact.org  
Contact Person - Joan Argento  
**www.alsact.org**

Massachusetts Chapter:  
75 McNeil Way, Ste. 310  
Dedham, MA 02026  
Phone: 781-326-8884  
Fax: 781-326-4940  
Contact Person - Judy Teplow  
Emails: Judy.Teplow@als-ma.org  
**www.als-ma.org**

Northern New England Chapter: (covers  
Maine, Vermont and New Hampshire)  
The Concord Center  
10 Ferry St., Ste. 438  
Box 314  
Concord, NH 03301  
Phone: 603-226-8855  
Fax: 603-226-8890  
Contact Person - Cheryl Flanders  
Email: **nh@alsanne.org**  
**www.alsanne.org**

Rhode Island Chapter:  
Gateway Plaza  
1637 Warwick Ave.  
Warwick, RI 02889  
Phone: 401-732-1609  
Fax: 401-732-2577  
Contact Person - Lynn McGovern  
Email: alsarilm@aol.com  
**www.alsari.org**

## ASTHMA

**Allergy and Asthma Network—  
Mothers of Asthmatics, Inc.**  
2751 Prosperity Avenue  
Suite 150  
Fairfax, VA 22031  
Phone: 800-878-4403 or 703-641-9595  
Fax: 703-573-7794  
Email: info@aanma.org  
**www.breatherville.org**

**American Lung Association**  
61 Broadway, 6th floor  
New York, NY 10006  
Phone: 800-586-4872 or 212-315-8700  
Fax: 212-315-8800  
Email: tlestrange@lungusa.org  
**www.lungusa.org**

Connecticut Chapter:  
American Lung Association of  
Connecticut  
45 Ash Street  
East Hartford, CT 06108  
Phone: 800-586-4872 or 860-289-5401  
FAX: 860-289-5405  
Email: bcase@alact.org  
**www.alact.org**



Did  
**YOU** Know...?  
Goldfish have more...  
chromosomes than  
humans.

Massachusetts Chapters:  
American Lung Association of  
Massachusetts  
460 Totten Pond Road, Suite 400  
Waltham, MA 02451-1991  
Phone: 781-890-4262  
Fax: 781-890-4280  
Email: info@lungma.org  
**www.lungusa2.org/massachusetts/  
index.html**

American Lung Association of  
Massachusetts (Western Area)  
393 Maple Street  
Springfield, MA 01105-1954  
Phone: 413-737-3506  
Fax: 413-737-3511  
Email: info@lungma.org  
**www.lungusa2.org/massachusetts/  
index.html**

Maine Chapter:  
American Lung Association of Maine  
122 State Street  
Augusta, ME 04330  
Phone: 207-622-6394  
Fax: 639-426-2919  
EMail: Cgagne@MaineLung.org  
**www.mainelung.org**

New Hampshire Chapter:  
American Lung Association of New  
Hampshire  
9 Cedarwood Drive, Unit 12  
Bedford, NH 03110  
Phone: 603-669-2411  
Fax: 603-645-6220  
Email: info@nhlung.org  
**www.nhlung.org/**

Rhode Island Chapter:  
American Lung Association of Rhode  
Island  
298 West Exchange Street  
Providence, RI 02903-3700  
Phone: 401-421-6487  
Fax: 401-331-5266  
Email: ALARI@lungri.org  
**www.lungusa2.org/rhodeisland/  
index.html**

Vermont Chapter:  
American Lung Association of Vermont  
30 Farrell Street  
South Burlington, VT 05403-6196  
Phone: 802-863-6817  
Fax: 802-863-6818  
Email: dhunt@vtlung.org  
**www.lungusa2.org/vermont/**

**American Academy of  
Allergy Asthma and Immunology**  
555 East Wells Street  
Suite 110  
Milwaukee, WI 53202  
Phone: 800-822-2762 or 414-272-6071  
Fax: 414-272-6070  
Email: info@aaaai.org  
**www.aaaai.org**

**Asthma and Allergy  
Foundation of America, Inc.**  
1233 20th Street NW  
Suite 402  
Washington, DC 20036  
Phone: 800-727-8462 or 202-466-7643  
Fax: 202-466-8940  
Email: info@aafa.org  
**www.aafa.org**

New England Chapter:  
220 Boylston Street  
Chestnut Hill, MA 02467  
Phone: 877-2-ASTHMA or 617-965-7771  
Fax: 617-965-8886  
Email: info@asthmaandallergies.org  
**www.asthmaandallergies.org**

ADDITIONAL WEB RESOURCES:

**Global Initiative for Asthma (GINA)**  
**www.ginasthma.com**

Objectives of GINA include: increase awareness of asthma and its public health consequences, reduce morbidity and mortality, improve management, and increase the availability and accessibility of effective asthma therapy.

ADDITIONAL LITERATURE:

**The Harvard Medical School Guide to  
Taking Control of Asthma: A  
Comprehensive Prevention and  
Treatment Plan for You and Your  
Family**  
**by Fanta, C.H., Cristiano L.M., and  
Haver, K.**  
**Simon & Schuster, 2003**

Discusses diagnosis, symptoms, individual management plans, current therapies, and pros and cons of medications.

## **ATAXIA TELANGIECTASIA**

**Ataxia Telangiectasia Children's Project**  
6685 Military Trail  
Deerfield Beach, FL 33442  
Phone: 800-543-5728 or 954-481-6611  
Fax: 954-725-1153  
Email: info@atcp.org  
**www.atcp.org**  
For local resources, call national office.

### **A-T Medical Research Foundation**

5241 Round Meadow Road  
Hidden Hills, CA 91302  
Phone: 818-704-8146  
Fax: 818-704-8310  
Email: becca4435@aol.com  
Contact: Pamela Smith

#### ADDITIONAL WEB RESOURCES:

### **Ataxia Telangiectasia Mutation Database**

**[www.vmresearch.org/bri\\_investigators/atm.htm](http://www.vmresearch.org/bri_investigators/atm.htm)**

Scientific site containing listings of AT mutations associated with cancer, AT polymorphisms and variants, and nucleotide sequence of AT gene. Includes clinical information on AT.

## **AUTISM**

### **Autism Research Institute**

4182 Adams Avenue  
San Diego, CA 92116  
Phone: 619-281-7165  
Fax: 619-563-6840  
**[www.autismresearchinstitute.com](http://www.autismresearchinstitute.com)**

### **Autism Society of America**

7910 Woodmont Avenue  
Suite 300  
Bethesda, MD 20814  
Phone: 800-3AUTISM or 301-657-0881  
Fax: 301-657-0869  
**[www.autism-society.org](http://www.autism-society.org)**

#### Connecticut Chapter:

P.O. Box 1404  
Guilford, CT 06437  
Phone: 888-453-4975  
Email: [asconn@sbcglobal.net](mailto:asconn@sbcglobal.net)  
**[www.autismsocietyofct.org](http://www.autismsocietyofct.org)**

#### Maine Chapter:

72B Main Street  
Winthrop, ME 04364  
Phone: 800-273-5200  
Email: [info@asmoline.org](mailto:info@asmoline.org)  
**[www.asmonline.org/](http://www.asmonline.org/)**

#### Massachusetts Chapter:

47 Walnut Street  
Wellesley Hills, MA 02481  
Phone: 781-237-0272  
Email: [asamasschapter@hotmail.com](mailto:asamasschapter@hotmail.com)  
**[www.geocities.com/asamasschapter/](http://www.geocities.com/asamasschapter/)**

#### New Hampshire Chapter:

PO Box 68  
Concord, NH 03302  
Phone: 603-679-2424  
Email: [info@nhautism.com](mailto:info@nhautism.com)  
**[www.nhautism.com/](http://www.nhautism.com/)**

#### Rhode Island Chapter:

PO Box 16603  
Rumford, RI 02916  
Phone: 401-595-3241

#### Vermont Chapter:

PO Box 978  
White River Junction, VT 05001  
Phone: 800-559-7398

### **National Alliance for Autism Research**

Research Park  
99 Wall Street  
Princeton, NJ 08540  
Phone: 888-777-6227 or 609-430-9160  
Fax: 609-430-9163  
Email: [naar@naar.org](mailto:naar@naar.org)  
**[www.naar.org](http://www.naar.org)**

### **NAAR — New England Chapter**

124 Watertown Street  
Suite 3B, Box 6  
Watertown, MA 02472  
Phone: 617-924-3300  
Fax: 617-924-3311  
Email: [newengland@naar.org](mailto:newengland@naar.org)

#### ADDITIONAL WEB RESOURCES:

### **Exploring Autism: A Look at the Genetics of Autism**

**[www.exploringautism.org](http://www.exploringautism.org)**

A web site dedicated to helping families who are living with the challenges of autism. A collaborative effort of Autism Genetics Cooperative, a group of researchers and clinicians working to find the genetic causes of autism.

#### ADDITIONAL LITERATURE:

##### **Children with Autism: A Parent's Guide**

**by Powers, M.D. and Grandin, T.  
Woodbine House, 2nd Edition, 2000**

Includes chapters on diagnosis and treatment, adjusting to life with an autistic child, finding good education programs, legal rights of the autistic child, becoming an advocate for a child and special problems and needs of the adult with autism. Provides a list of resources for autistic individuals in the United States.

##### **Facing Autism: Giving Parents Reasons for Hope and Guidance for Help**

**By Hamilton, L.M.  
Waterbrook Press, 2000**

A treasury of detailed, helpful information from a mother who carefully investigated all promising treatment approaches.

##### **Family Pictures: A Novel**

**by Miller, S.  
Perennial, 1999**

A fictional story told through the eyes of four family members. The complexity of family relationships is illustrated through their reactions to a family member with autism.

##### **Nobody Nowhere: The Extraordinary Autobiography of an Autistic**

**by Williams, D.  
Crown, 1992**

The author details what it is like to grow up autistic and the price one pays for being "high-functioning."

##### **Somebody Somewhere: Breaking Free from the World of Autism**

**by Williams, D.  
Crowns, 1994**

Sequel to "Nobody Nowhere," the author describes her life as a published author and graduate student.

## **BATTEN DISEASE**

### **Batten Disease Support and Research Association**

120 Humphries Drive  
Suite 2  
Reynoldsburg, OH 43068  
Phone: 800-448-4570 or 740-927-4298  
Fax: 614-445-4191  
Email: [bdsra1@bdsra.com](mailto:bdsra1@bdsra.com)  
**[www.bdsra.org](http://www.bdsra.org)**

New England Chapter:

Diane Burl  
22 Carver Street  
Granby, MA 01033  
Phone: 413-467-2294



#### ADDITIONAL WEB RESOURCES:

### **The Natalie Fund [www.nataliefund.org](http://www.nataliefund.org)**

Striving to find a treatment and cure for Batten Disease. Goals include raising funds for research, enhancing community awareness, and providing information and support for families with affected children.

## **BECKWITH-WIEDEMANN SYNDROME**

**Beckwith-Wiedemann Support  
Network  
[www.beckwith-wiedemann.org](http://www.beckwith-wiedemann.org)**

## CANAVAN DISEASE

### Canavan Foundation

450 West End Avenue #10C  
New York, NY 10024  
Phone: 877-4-CANAVAN or 212-873-4640  
Fax: 212-873-7892  
Email: [info@canavanfoundation.org](mailto:info@canavanfoundation.org)  
**[www.canavanfoundation.org](http://www.canavanfoundation.org)**

### National Tay-Sachs and Allied Diseases Association

2001 Beacon Street  
Suite 204  
Brighton, MA 02135  
Phone: 800-906-8723  
Fax: 617-277-0134  
Email: [info@ntsad.org](mailto:info@ntsad.org)  
**[www.ntsad.org](http://www.ntsad.org)**

Connecticut Chapter:  
(Serving Connecticut, New Jersey and  
New York)  
1202 Lexington Avenue #288  
New York, NY 10028  
Phone: 888-354-7788 or 212-431-0431  
Fax: 888-354-4884  
Email: [info@ntsad-ny.org](mailto:info@ntsad-ny.org)  
**[www.ntsad-ny.org](http://www.ntsad-ny.org)**

#### ADDITIONAL WEB RESOURCES:

**Center for Jewish Diseases  
Mt. Sinai School of Medicine**  
**[www.mssm.edu/jewish\\_genetics/  
diseases/canavan.shtml](http://www.mssm.edu/jewish_genetics/diseases/canavan.shtml)**

Includes disease description, natural  
history, genetics and testing information.

**Medical College of Wisconsin  
HealthLink: The Facts about Canavan  
Disease**  
**[www.healthlink.mcw.edu/article/  
921391101.htm](http://www.healthlink.mcw.edu/article/921391101.htm)**

Provides disease description, including  
screening and diagnosis, signs and  
symptoms, and research, and links to  
other informative sites.

## CANCER

### American Cancer Society

1599 Clifton Road, NE  
Atlanta, GA 30329  
Phone: 800-227-2345 or 404-320-3333  
Email available through web site only.  
**[www.cancer.org](http://www.cancer.org)**

#### CONNECTICUT CHAPTERS

372 Danbury Road  
Wilton, CT 06897  
Phone: 203-563-0740  
Fax: 203-563-0738

238 West Town Street  
Norwich, CT 06360  
Phone: 860-887-2547  
Fax: 860-885-0820

Meriden Executive Park  
538 Preston Avenue  
Meriden, CT 06450  
Phone: 203-379-4700  
Fax: 203-379-5060

Maine Chapter:  
One Main Street; Suite 300  
Topsham, ME 04086  
Phone: 207-373-3700  
Fax: 207-725-6680

Massachusetts Chapters:  
18 Tremont St  
Suite 700  
Boston, MA 02108  
Phone: 617-556-7400  
Fax: 617-263-6825

1115 W Chestnut St  
Brockton, MA 02301  
Phone: 508-584-9600  
Fax: 508-584-9699

59 Bobala Rd  
Holyoke, MA 01040  
Phone: 413-734-6000  
Fax: 413-493-2199

9 Riverside Rd  
Weston, MA 02493  
Phone: 781-894-6633  
Fax: 781-314-2699

350 Plantation St  
Worcester, MA 01604  
Phone: 508-270-4600  
Fax: 508-751-8095

New Hampshire Chapter:  
360 Route 101, Unit #8  
The Gail Singer Memorial Building  
Bedford, NH 03110  
Phone: 603-472-8899  
Fax: 603-472-7093

Rhode Island Chapter:  
222 Richmond St.  
Suite 200  
Providence, RI 02903  
Phone: 401-722-8480  
Fax: 401-421-0535

Vermont Chapter:  
121 Connor Way, Ste 240  
Williston, VT 05495  
Phone: 802-872-6300  
Fax: 802-872-6399

**Candlelighters Childhood Cancer Foundation**  
P.O. Box 498  
Kensington, MD 20895  
Phone: 800-366-2223 or 301-962-3520  
Fax: 301-962-3521  
Email: [staff@candlelighters.org](mailto:staff@candlelighters.org)  
**[www.candlelighters.org](http://www.candlelighters.org)**

New Hampshire Chapter:  
Childhood Cancer Lifeline of New Hampshire  
P.O. Box 395  
Hillsboro, NH 03244  
Contact: Sylvia Pelletier, President  
Phone: 603-645-1489  
[info@childhoodcancerlifeline.org](mailto:info@childhoodcancerlifeline.org)

Services: Candlelighters national books, support group meetings, in-hospital visits.

ADDITIONAL WEB RESOURCES:

**National Cancer Institute's CancerNet**  
**[www.cancer.gov/cancerinfo/prevention-genetics-causes](http://www.cancer.gov/cancerinfo/prevention-genetics-causes)**

Authoritative information about cancer genetics.

**Harvard Center for Cancer Prevention**  
**[www.yourcancerrisk.harvard.edu](http://www.yourcancerrisk.harvard.edu)**

Personalized estimation of cancer risk and tips for prevention.

**Guide to Internet Resources for Cancer**  
**[www.cancerindex.org](http://www.cancerindex.org)**

Nonprofit guide containing over 100 pages and over 4000 links to cancer related information. Site is regularly updated.

ADDITIONAL LITERATURE:

**A Practical Guide to Human Cancer Genetics**  
**by Hodgson, S.V. and Maher, E.R.**  
**Cambridge University Press, 2nd Edition, 1999**

An essential overview of human cancer genetics.

**Counseling About Cancer: Strategies for Genetic Counseling**  
**by Schneider, K.**  
**Wiley-Liss, 2nd Edition, 2001**

A comprehensive resource including medical and psychological issues, cancer risk counseling, predisposition testing, and essential references.

**Healing Lessons**  
**by Winawer, S.J. and Taylor, N.**  
**Rutledge, 1999**

The story of Dr. Sidney Winawer, chief of gastroenterology at Memorial Sloan-Kettering Cancer Center, and his wife, Andrea, dealing with her diagnosis of metastatic stomach cancer.

**It's Not About the Bike; My Journey Back to Life**  
**by Armstrong, L. and Jenkins, S.**  
**Berkley Publishing Group, 2001**

The story of Lance Armstrong, a world-class athlete nearly struck down by cancer, only to recover and win the grueling and intense Tour de France.

**Staying Alive — A Family Memoir  
by Reibstein, J.  
Bloomsbury Publishing PLC, 2002**

Follows a successful, ethnically mixed American family typical only in the diagnosis of breast cancer that hangs like a dark cloud over all its women.

**The Truth About Breast Cancer Risk  
Assessment  
by Hollingsworth, A.B.  
National Writers Press, 2000**

Learn how risk factors are assembled into a personal profile.

**CARBOHYDRATE- DEFICIENT  
GLYCOPROTEIN SYNDROME**

**CDG Family Network Foundation**

P.O. Box 860847  
Plano, TX 75086  
Phone: 800-250-5273  
Fax: 972-633-8088  
Email: cdgaware@aol.com  
**www.cdgs.com**

**CEREBRAL PALSY**

**United Cerebral Palsy Association**

1660 L Street NW  
Suite 700  
Washington, DC 20036  
Phone: 800-872-5827 or 202-776-0406  
Fax: 202-776-0414  
Email: national@ucp.org  
**www.ucp.org**

Connecticut Chapters:  
UCP of Eastern Connecticut  
42 Norwich Road  
Quaker Hill, CT 06375  
Phone: 860-443-3800  
Fax: 860-443-8272  
Email: mmorrisson@ucpect.org  
**www.ucpect.org**

UCP of Greater Hartford  
80 Whitney Street  
Hartford, CT 06105  
Phone: 860-236-6201  
Fax: 860-236-6205  
Email: jmcMahon@sunrisegroup.org  
**www.ucpect.org**

UCP of Southern Connecticut  
94-96 South Turnpike Road  
Wallingford, CT 06492  
Phone: 203-269-3511  
Fax: 203-269-7411  
Email: ucpasouthernct@yahoo.com  
**www.ucpasouthernct.com**

Massachusetts Chapters;  
UCP of Berkshire County  
208 West Street  
Pittsfield, MA 01201  
Phone: 413-442-1562  
Fax: 413-499-4077  
E-mail: info@ucpberkshire.org  
**www.ucpberkshire.org**

UCP of MetroBoston  
71 Arsenal Street  
Watertown, MA 02472  
Phone: 617-926-5480  
Fax: 617-926-3059  
E-mail: ucpbost@aol.com  
**www.ucpboston.org**

Maine Chapter:  
UCP of Northeastern Maine  
700 Mt. Hope Avenue, Suite 320  
Bangor, ME 04401  
Phone: 207-941-2952  
Fax: 207-941-2955  
E-mail: bobbijo.yeager@ucpofmaine.org  
**www.ucpofmaine.org**

Rhode Island Chapter:  
UCP of Rhode Island  
200 Main Street, Suite 210  
P.O. Box 36  
Pawtucket, RI 02862  
Phone: 401-728-1800  
Fax: 401-728-0182  
E-mail: ucprisupport@ucpri.org  
**www.ucpri.org**

ADDITIONAL WEB RESOURCES:

**National Disability Sports Alliance**  
**www.ndsaonline.org**

Servicing all individuals with physical disabilities in the areas of sports, fitness, and recreation. Also known as the United States Cerebral Palsy Athletic Association.

**The Cerebral Palsy Network**  
**www.geocities.com/Heartland/Plains/8950**

A resource for information, sharing, and support.

ADDITIONAL LITERATURE:

**Cerebral Palsy: A Complete Guide for Caregiving**  
**by Miller, F. and Bachrach, S.J.**  
**Johns Hopkins University Press, 1998**

This overview of CP explains medical procedures and medical and psychological implications, discusses advocacy, provides recommended reading and a list of resources.

## CHARCOT- MARIE- TOOTH

**Charcot-Marie-Tooth Association**  
2700 Chestnut Street  
Chester, PA 19013  
Phone: 800-606-2682  
Fax: 610-499-9267  
Email: CMTassoc@aol.com  
**www.charcot-marie-tooth.org**  
**www.cmtinfo.org**

Connecticut Chapter:  
Contact Beverly Wurzel  
Phone: 845-783-2815  
Email: cranomat@frontiernet.net

ADDITIONAL WEB RESOURCES:

**CMTnet**  
**www.users.rcn.com/smith.ma.ultranet/CMTneto.html**

Repository of information on research and treatment of CMT for both the medical and non-medical community.

## CHROMOSOME ABNORMALITIES

(See also Down syndrome, Klinefelter syndrome, Turner syndrome, Fragile X syndrome)

**Chromosome Deletion Outreach**  
P.O. Box 724  
Boca Raton, FL 33429  
Phone: 561-395-4252  
Fax: 561-395-4252 call first  
Email: info@chromodisorder.org  
**www.chromodisorder.org**

**4p- Support Group**  
P.O. Box 1676  
Gresham, OR 97030  
Phone: 503-661-7546  
Email: fourthchromosome@aol.com  
**www.4p-supportgroup.org**

**5p- Society**  
P.O. Box 268  
Lakewood, CA 90714  
Phone: 888-970-0777 or 562-804-4506  
Fax: 562-920-5240  
Email: director@fivepminus.org  
**www.fivepminus.org** or  
**www.criduchat.org**

Northeastern Regional  
Family Support Coordinator:  
Contact Ruthie Liberman  
Lexington, MA  
Phone: 781-861-3962

**8p Duplication Support Group**  
The Genetics Center  
1 Children's Plaza  
Dayton, OH 45404  
Phone: 937-641-3800  
New patient: 937-641-4000  
Fax: 937-463-5325  
Email: callif-daleyF@childrensdayton.org  
**www.cmc-dayton.org**

**Chromosome 9p- Network**  
P.O. Box 54  
Stanley, ID 83278  
Phone: 435-574-1121  
Fax: 435-574-2000  
Email: pduffy006@verizon.net  
**www.9pminus.org**

**11q Research and Resource Group**  
83 Lantern Hill Road  
Mystic, CT 06355  
Phone: 860-599-4015  
Fax: 860-441-6159  
<http://web.ukonline.co.uk/c.jones/11q/contents.htm>

**Trisomy 12p Parent Support Organization**  
175 Lawndale Road  
Mansfield, MA 02048  
Phone: 508-339-1680  
Fax: 508-339-0504  
Email: maguirecb@comcast.net

**IDEAS (Isodicentric 15 Exchange, Advocacy, and Support)**  
18 Kings Road  
Canton, MA 02021  
Phone: 508-253-2872  
Email: info@idic15.org  
[www.idic15.org](http://www.idic15.org)

**Disorders of Chromosome 16 Foundation**  
1321 Marcy Street  
Iowa City, IA 52240  
Email: danalex@avalon.net  
[www.trisomy16.org](http://www.trisomy16.org)

**Support Organization for Trisomy 18, 13 and Related Disorders (SOFT)**  
2982 South Union Street  
Rochester, NY 14624  
Phone: 800-716-7638 or 585-594-4621  
Fax: 716-594-1957  
Email: barbsoft@rochester.rr.com  
[www.trisomy.org](http://www.trisomy.org)

Connecticut contact:  
Lisa and Robert Handel  
1473 Forbes Street  
East Hartford, CT 06118  
Phone: 860-568-0171  
Email: lisahandel@sbcglobal.net

Massachusetts and Maine contact:  
Michael and Pamela Healey  
18 Richard Rd.  
Lexington, MA 02421  
Phone: 781-862-8273  
Email: Healeylex@aol.com

New Hampshire contact:  
Marie Primeau  
19 West Ridge Drive  
Peterborough, NH 03458  
Phone: 603-924-3603  
Email: mandbprimeau@adelphia.net

**Trisomy 18 Support Foundation, Inc.**  
4491 Cheshire Station Plaza  
Suite 157  
Dale City, VA 22193  
Phone: 703-878-7013  
Fax: 703-878-7013  
Email: info@trisomy18support.org  
[www.trisomy18support.org](http://www.trisomy18support.org)

**Chromosome 18 Registry and Research Society**  
7155 Oakridge Drive  
San Antonio, TX 78229  
Phone: 210-657-4968  
Fax: 210-657-4968  
Email: office@chromosome18.org  
[www.chromosome18.org](http://www.chromosome18.org)

New England Regional Coordinator:  
Deb Ammann  
Phone: 631-223-3039  
Email: debpaul94@optonline.net



### **22q and You Center**

The Department of Clinical Genetics  
The Children's Hospital of Philadelphia  
34th Street and Civic Center Boulevard  
Philadelphia, PA 19104  
Phone: 215-590-2920  
Fax: 215-590-3298  
Email: lunny@email.chop.edu  
**www.chop.edu/consumer/jsp/  
division/generic.jsp?id=74631**

#### Maine Contact:

Sharon Smith  
RR 2 Box 8780  
Canaan, ME 04924  
Phone: 207-474-5374  
Email: mainelypsych@prexar.com

#### New Hampshire Contact:

Maureen Anderson  
2 Lansing Drive  
Salem, NH 03079  
Phone: 613- 898-6332  
Email: MLADJA@aol.com

### **Ring Chromosome 22 Email Discussion List**

14 Westwood Acres  
Morris, MN 56267  
Phone: 320-589-1050  
Email: r22@maelstrom.stjohns.edu  
**www.maelstrom.stjohns.edu/archives/r2  
2.htm**

#### ADDITIONAL LITERATURE:

**Chromosome Abnormalities and  
Genetic Counseling**  
by Gardner, RT.J.M. and Sutherland, G.R.  
Oxford University Press, 3rd Edition, 2003

A textbook/reference for genetic counselors  
and cytogenetic laboratory workers. Presents  
the theoretical basis of clinical cytogenetics.

## **CLEFT LIP/ PALATE AND CRANIOFACIAL DISORDERS**

### **AboutFace USA**

P.O. Box 158  
South Beloit, IL 61080-0158  
Phone: 888-486-1209  
Fax: 630-761-2985

Email: info@aboutfaceusa.org  
**www.aboutfaceusa.org**  
Call main office or check web site for  
local support groups.

### **American Cleft Palate — Craniofacial Association**

1504 East Franklin Street  
Suite 102  
Chapel Hill, NC 27514  
Phone: 919-933-9044  
Fax: 919-933-9604  
Email: info@acpa-cpf.org  
**www.cleftpalate-craniofacial.org**

### **Children's Craniofacial Association**

13140 Coit Road  
Suite 307  
Dallas, TX 75240  
Phone: 800-535-3643  
Fax: 214-570-8811  
Email: contactcca@ccakids.com  
**www.ccakids.com**

### **Cleft Palate Foundation**

1504 East Franklin Street  
Suite 102  
Chapel Hill, NC 27514  
Phone: 800-242-5338  
Fax: 919-933-9044  
Email: info@cleftline.org  
**www.cleftline.org**

### **F.A.C.E. (Families Advancing Craniofacial Excellence)**

P.O. Box 185  
Unionville, CT 06085  
Phone: 860-673-1829  
Fax: 860-673-1829  
Email: smilesforchildren@sbcglobal.net  
**www.smilesforchildren.org**

### **FACES: The National Craniofacial Association**

P.O. Box 11082  
Chattanooga, TN 37401  
Phone: 800-332-2373  
Fax: 423-267-3124  
Email: faces@faces-cranio.org  
**www.faces-cranio.org**

### **Let's Face It**

P.O. Box 29972  
Bellingham, WA 98228  
Phone: 360-676-7325

Fax: contact office for faxing information  
Email: [letsfaceit@faceit.org](mailto:letsfaceit@faceit.org)  
**[www.faceit.org](http://www.faceit.org)**

ADDITIONAL WEB RESOURCES:

**Smiles**  
**[www.cleft.org](http://www.cleft.org)**

A group of dedicated families who have developed a first-hand understanding of the needs of children with cleft lip, cleft palate and craniofacial abnormalities.

**Wide Smiles**  
**[www.widesmiles.org](http://www.widesmiles.org)**

Offers support, inspiration, information and networking for families dealing with the challenges associated with clefting.

ADDITIONAL LITERATURE:

**A Parent's Guide to Cleft Lip and Palate**  
**by Moller, K.T., Starr, C.D. and Johnson, S.A.**  
**University of Minnesota Press, 1990**

One parent has said that this book should be required reading for every new parent of a child with a cleft lip or palate. Available used or at libraries.

**Babyface: A Story of Heart and Bones**  
**by McDermott, J.**  
**Penquin Books, 2002**

The story of a child with Apert syndrome. Available used or at libraries.

**Cleft Lip and Palate: From Origin to Treatment**  
**by Wyszynski, D.F.**  
**Oxford University Press, 2002**

Addressing issues that are relevant to clinicians, researchers and family members, this book is a comprehensive, well-illustrated and up-to-date account of the many facets of this common disorder.

## COFFIN-LOWRY SYNDROME

**Coffin-Lowry Syndrome Foundation**  
3045 255th Avenue SE  
Sammamish, WA 98075  
Phone: 425-427-0939  
Email: [cclsfoundation@yahoo.com](mailto:cclsfoundation@yahoo.com)  
**[www.clsf.info](http://www.clsf.info)**

Maine Contact:  
Mark & Lynn Richards  
90 Hunts Meadow Road  
Whitefield, ME 04353  
Phone: 207-549-5511  
Email: [lynndeluxe05@yahoo.com](mailto:lynndeluxe05@yahoo.com)

Massachusetts Contact:  
Ronald and Deborah Gallagher  
45 Harrison Avenue  
Williamstown, MA 01267  
Phone: 413-458-2213  
Email: [Ronald.L.Gallagher@williams.edu](mailto:Ronald.L.Gallagher@williams.edu)

## CONGENITAL ADRENAL HYPERPLASIA

**CARES Foundation, Inc. (Congenital Adrenal Hyperplasia, Research, Education and Support)**  
189 Main Street  
2nd floor  
Millburn, NJ 07041  
Phone: 866-227-3737 or 973-912-3895  
Fax: 973-912-3894  
Email: [Kelly@caresfoundation.org](mailto:Kelly@caresfoundation.org)  
**[www.caresfoundation.org](http://www.caresfoundation.org)**

Connecticut contact:  
Lynn Torony  
Phone: 203-264-6898  
Fax: 203-264-0529  
Email: [ltorony@charter.net](mailto:ltorony@charter.net)

Maine contact:  
Jeff & Jody Spear  
Phone: 207-832-2006  
Email: [jrspear@adelphia.net](mailto:jrspear@adelphia.net)

ADDITIONAL WEB RESOURCES:

**CAH Education and Support Network**  
**[www.congenitaladrenalhyperplasia.org](http://www.congenitaladrenalhyperplasia.org)**

Includes: "What Is CAH?", message boards, medical links, glossary, and Frequently Asked Questions.

**CONGENITAL HYPOTHYROIDISM**

**American Foundation of Thyroid Patients**

P.O. Box 4914  
Odessa, TX 79760  
Email: [thyroid@flash.net](mailto:thyroid@flash.net)  
**[www.thyroidfoundation.org](http://www.thyroidfoundation.org)**

**Thyroid Foundation of America, Inc.**

1 Longfellow Place  
Suite 1518  
Boston, MA 02114  
Phone: 800-832-8321  
Fax: 617-534-1515  
Email: [info@allthyroid.org](mailto:info@allthyroid.org)  
**[www.allthyroid.org](http://www.allthyroid.org)**

ADDITIONAL WEB RESOURCES:

**Educating Parents of Extra-Special Children**

**[www.epeconline.com/Congenital Hypothyroidism.html](http://www.epeconline.com/CongenitalHypothyroidism.html)**

Information for adults with special needs and parents of special needs children. Overview of congenital hypothyroidism with links to American Academy of Pediatrics.

**CORNELIA DE LANGE SYNDROME**

**Cornelia de Lange Syndrome Foundation**

302 West Main Street  
Suite 100  
Avon, CT 06001  
Phone: 800-223-8355 or 860-676-8166  
Fax: 860-676-8337  
Email: [info@cdlsusa.org](mailto:info@cdlsusa.org)  
**[www.cdlsusa.org](http://www.cdlsusa.org)**

ADDITIONAL WEB RESOURCES:

**CDLS Online Support Group**  
**[www.cdls-support.org](http://www.cdls-support.org)**

This online group focuses on parents, caregivers and families, friends, teachers and other professionals. Includes email group for siblings, and Spanish speaking members.

**CROHN S DISEASE AND COLITIS**

**Crohn s and Colitis Foundation of America**

386 Park Avenue South  
17th floor  
New York, NY 10016  
Phone: 800-932-2423 or 212-685-3440  
Fax: 212-779-4098  
Email: [info@ccfa.org](mailto:info@ccfa.org)  
**[www.ccfa.org](http://www.ccfa.org)**



Connecticut Chapters:

Central Connecticut Chapter  
P.O. Box 185431  
Hamden, CT 06518  
Phone: 203-393-8964  
Fax: 203-248-7832  
Email: [ctccfa@aol.com](mailto:ctccfa@aol.com)

Fairfield/Westchester Chapter  
200 Bloomingdale Road  
White Plains, NY 10605  
Phone: 914-328-2874  
Fax: 914-328-2946  
Email: [Westfield@ccfa.org](mailto:Westfield@ccfa.org)

Northern Connecticut Affiliate  
P.O. Box 370614  
West Hartford, CT 06137

New England Chapter:  
Contact: Stacey Snyder  
Phone: 800-314-3459 ext. 13  
or 781-449-0324  
Fax: 781-449-0325  
Email: ssnyder@ccfa.org

ADDITIONAL WEB RESOURCES:

**Crohn's Disease Resource Center**  
**[www.healingwell.com/ibd](http://www.healingwell.com/ibd)**

This site includes a resource directory, message boards, chat rooms, and links to other organizations.

ADDITIONAL LITERATURE:

**The First Year—Crohn's Disease and Ulcerative Colitis: An Essential Guide for the Newly Diagnosed**  
**by Sklar, J. and Sklar, M.**  
**Marlowe & Company, 2002**

Covers strategies for necessary lifestyle changes, guidelines and tips for modifying diet, choosing a medical team, discussing the condition with family, current medical research, support resources, and more.

**The Crohn's Disease and Ulcerative Colitis Fact Book**  
**by the Crohn's and Colitis Foundation**  
**Banks, P.A., Present, D.H. and Steiner, P.**  
**John Wiley & Sons, 1983**

An older text but a good general introduction to the diseases.

## CYSTIC FIBROSIS

**The Cystic Fibrosis Foundation**  
6931 Arlington Road  
Suite 200  
Bethesda, MD 20814  
Phone: 800-344-4823 or 301-951-4422  
Fax: 301-951-6378  
Email: info@cff.org  
**[www.cff.org](http://www.cff.org)**

Connecticut Chapter:  
185 Silas Deane Highway  
Wethersfield, CT 06109  
Phone: 800-841-2828 or 860-257-6907  
Fax: 860-257-6903  
Email: conn@cff.org  
**[www.cff.org/connecticut.htm](http://www.cff.org/connecticut.htm)**

Massachusetts/Rhode Island Chapter:  
Natick, MA  
Phone: 508-655-6000  
Email: mass-ri@cff.org  
**[www.cff.org/Chapters/massachusetts/](http://www.cff.org/Chapters/massachusetts/)**

Northern New England Chapter: (Maine, New Hampshire and Vermont)  
Nashua, NH  
Phone: 603-598-8191  
Email: no-new-eng@cff.org  
**[www.cff.org/Chapters/newengland/](http://www.cff.org/Chapters/newengland/)**

ADDITIONAL WEB RESOURCES:

**Cystic Fibrosis Mutational Database**  
**[www.genet.sickkids.on.ca/cftr](http://www.genet.sickkids.on.ca/cftr)**

This database of mutations in CFTR gene provides CF researchers and related professionals with up-to-date information about individual mutations.

**Cystic Fibrosis.com**  
**[www.cysticfibrosis.com](http://www.cysticfibrosis.com)**

This site includes CF information, frequently asked questions, a "Just for Kids" section, and links to CF associations and clinical trials.

**Cystic Fibrosis Foundation**  
**Genotyping Center**  
**[www.hopkinsmedicine.org/cfgenotyping](http://www.hopkinsmedicine.org/cfgenotyping)**

Their mission is to detect CFTR mutations in patients with unusual forms of CF, coordinate collection of genotype/phenotype information, and increase and facilitate communication between CF researchers and clinicians working with patients with non-classical CF.

**The CF Pharmacy**  
**www.cfpharmacy.com**

Dedicated to research and development of new cost-effective pharmacological approaches to care and treatment of CF.

ADDITIONAL LITERATURE:

**Alex: The Life of a Child**  
**by Deford, F.**  
**Rutledge Hill Press, 1997**

Sportswriter Deford's story of his courageous daughter who died at age 8 due to complications of cystic fibrosis.

**Alive at 25: How I m Beating Cystic Fibrosis**  
**by Lipman, A.**  
**Longstreet Press, 2002**

Candid, honest, inspiring personal account. Available used and at libraries.

**Cystic Fibrosis:**  
**A Guide for Patient and Family**  
**by Orenstein, D.M.**  
**Lippincott, Williams and Wilkins,**  
**3rd Edition, 2003**

Clear advice on day-to-day management, school, travel, exercise, nutrition, medications, psychological effects, treatment, complications, long-term issues, and prospects for a cure.

## CYSTINOSIS

**Cystinosis Foundation, Inc.**  
604 Vernon Street  
Oakland, CA 94610  
Phone: 800-392-8458  
Fax: 559-222-7997  
Email: email@cystinosis.com  
**www.cystinosisfoundation.org**

**Cystinosis Research Network**  
10 Pine Avenue  
Burlington, MA 01803  
Phone: 866-276-3669 or 781-229-6182  
Fax: 781-229-6030  
Email: CRN@cystinosis.org  
**www.cystinosis.org**

ADDITIONAL WEB RESOURCES:

**Cystinosis Central**  
**www.medicine.ucsd.edu/cystinosis/**  
**INDEX.htm**

Up-to-date site with general information, links to other resources, physician information, and research.

## DEAFNESS/ HEARING IMPAIRMENT

**Alexander Graham Bell Association**  
**for the Deaf and Hard of Hearing, Inc.**  
3417 Volta Place, NW  
Washington, DC 20007  
Phone: 800-432-7543 or 202-337-5220  
Fax: 202-337-8314  
Email: agbell2@aol.com  
**www.agbell.org**  
With links to state representatives and web sites.

**American Hearing Research**  
**Foundation**  
8 South Michigan Avenue  
Suite 814  
Chicago, IL 60603  
Phone: 312-726-9670  
Fax: 312-726-9695  
Email: blederer@american-hearing.org  
**www.american-hearing.org**

**National Association of the Deaf**  
8630 Fenton Street  
Suite 820  
Silver Spring, MD 20910-3819  
Phone: 301-587-1788  
Fax: 301-587-1791  
Email: NADinfo@nad.org  
**www.nad.org**  
Has email links to current presidents of each state affiliate.

Connecticut Association of the Deaf  
**http://www.deafct.org/**

Massachusetts Association of the Deaf  
**http://www.msad.org/**

Rhode Island Association of the Deaf  
**http://www.riadeaf.org/**

ADDITIONAL WEB RESOURCES:

**Finding Genes for Non-syndromic Deafness**

**[www.people.vcu.edu/~nance/index](http://www.people.vcu.edu/~nance/index)**

Provided by Gallaudet University and the Medical college of Virginia, this site includes information on: causes of deafness, patterns of inheritance, syndromic deafness gene mapping and molecular characterization of genetic deafness, treatment, and research.

ADDITIONAL LITERATURE:

**Genetics and Auditory Disorders**  
**by Keats, B.J.B., Popper, A.N. and Fay, R.R.**  
**Springer-Verlag, 2002**

Informs reader about many clinical forms of genetic hearing loss, the mutations responsible and the function of proteins encoded by mutant genes.

**Hereditary Hearing Loss and Its Syndromes**  
**by Gorlin, R.J., Toriello, H.V. and Reardon, W.**  
**Oxford University Press, 2nd Edition, 2004**

Comprehensive and organized resource.

**I m Deaf and It s Okay**  
**by Aseltine, L., Mueller, E. and Tait, M.**  
**Albert Whitman & Company, 1986**

For children ages 4-8.

**My Sense of Silence: Memoirs of a Childhood with Deafness**  
**by Davis, L.J.**  
**University of Illinois Press, 2000**

Growing up as a hearing child of deaf parents, the author has written a candid, affecting, and often funny memoir.

## DIABETES

**American Diabetes Association**  
1701 North Beauregard Street  
Alexandria, VA 22311  
Phone: 800-DIABETES or 888-DIABETES  
(for local contact)

Fax: call for faxing information  
Email: [ASKADA@diabetes.org](mailto:ASKADA@diabetes.org)  
**[www.diabetes.org](http://www.diabetes.org)**

Connecticut Chapter:  
306 Industrial Park Road, Suite 105  
Middletown, CT 06457  
Phone: 203-639-0385  
Fax: 860-632-5098

Maine Chapter:  
163 Lancaster Street, Suite 98R  
Portland, ME 04101  
Phone: 207-774-7717  
Fax: 207-774-7714

Massachusetts Chapter:  
330 Congress Street, 5th Floor  
Boston, MA 02210  
Phone: 617-482-4580  
Fax: 617-482-1824

New Hampshire Chapter:  
249 Canal Street  
Manchester, NH 03101  
Phone: 603-627-9579  
Fax: 603-669-1477

Rhode Island Chapter:  
222 Richmond St., Suite 204  
Providence, RI 02903  
Phone: 401-351-0498  
Fax: 401-351-1674

Vermont Chapter:  
1 Kennedy Drive, Suite L8  
South Burlington, VT 05403  
Phone: 802-654-7716  
Fax: 802-658-9145

**Juvenile Diabetes Research Foundation**  
120 Wall Street, 19th floor  
New York, NY 10005  
Phone: 800-533-2873  
Fax: 212-785-9595  
Email: [info@jdrf.org](mailto:info@jdrf.org)  
**[www.jdrf.org](http://www.jdrf.org)**

Connecticut Chapters:  
North Central Connecticut and  
Western Massachusetts Chapter  
18 North Main Street  
3rd floor  
West Hartford, CT 06107  
Phone: 860-561-1153  
Fax: 860-561-3440  
Email: northcentralct@jdrf.org  
**www.jdrf.org/CT/North-Central-CT-  
Western-MA**

Fairfield County Chapter  
200 Connecticut Avenue, Suite 5H  
Norwalk, CT 06854  
Phone: 203-854-0658  
Fax: 203-854-0798  
Email: fairfield@jdrf.org  
**www.jdrf.org/chapters/ct/  
fairfield-county**

Greater New Haven Chapter  
2969 Whitney Avenue  
Hamden, CT 06518  
Phone: 203-248-1880  
Fax: 203-248-1820  
Email: newhaven@jdrf.org  
**www.jdrf.org/chapters/ct/  
Greater-New-Haven**

New England/Maine Chapter:  
33 Silver St.  
Portland, ME 04101  
Phone: 207-761-0133  
Fax: 207-761-1687  
Email: maine@jdrf.org  
**www.jdrf.org/maine**

New England/New Hampshire Chapter:  
2 Wellman Ave., Suite 340  
Nashua, NH 03064  
Phone: 603-595-2595  
Email: newhampshire@jdrf.org  
**www.jdrf.org/newhampshire**

New England/Rhode Island Chapter:  
2374 Post Road, Suite 203  
Warwick, RI 02886  
Phone: 401-738-9898  
Fax: 401-738-7162  
Email: rhodeisland@jdrf.org  
**www.jdrf.org/rhodeisland**

#### ADDITIONAL WEB RESOURCES:

**Children with Diabetes**  
**www.childrenwithdiabetes.com**

An online community for kids, families  
and adults with diabetes.

**Joslin Diabetes Center**  
**www.joslin.org**

A Harvard Medical School affiliate and  
internationally recognized treatment,  
research, and education institution  
headquartered in Boston, Massachusetts.

**American Association of Diabetes  
Educators**  
**www.aadenet.org**

A multidisciplinary professional member-  
ship organization dedicated to advancing  
the practice of diabetes self-management,  
training, and care.

#### ADDITIONAL LITERATURE:

**American Diabetes Association  
Complete Guide to Diabetes**  
**by the American Diabetes Association,  
McGraw-Hill/Contemporary  
Distributed Products, 3rd Edition,  
2002**

A one volume comprehensive home  
reference on the best self-care techniques,  
latest medical breakthroughs, and all the  
information needed to live an active,  
healthy life with diabetes.

**Diabetes for Dummies**  
**by Rubin, A.L.**  
**For Dummies, 2nd edition, 2004**

Addresses Type 1 and Type 2 diabetes,  
including: causes, symptoms, treatment,  
importance of diet and exercise, finding  
the right practitioner, building a support  
team, and finding help online.

**Living with Juvenile Diabetes: A  
Practical Guide for Parents and  
Caregivers**  
**by Puerrung, V.**  
**Hatherleigh Press, 2001**

Written by a mother of two children with diabetes, this book provides information about exercise and nutrition, recipes, supplies, research trends, and more.

## DOWN SYNDROME

### National Down Syndrome Congress

1370 Center Drive  
Suite 102  
Atlanta, GA 30338  
Phone: 800-232-6372 or 770-604-9500  
Fax: 212-979-2873 or 770-604-9898  
Email: info@ndscenter.org  
**www.ndscenter.org**

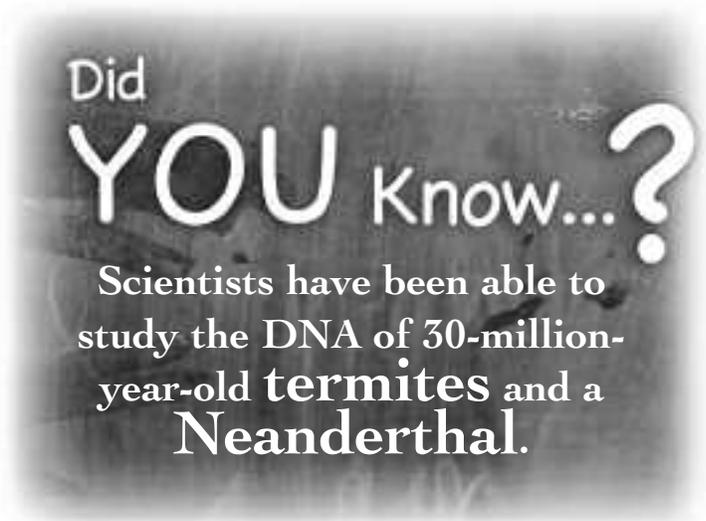
Connecticut Chapter:  
Connecticut Down Syndrome Congress  
263 Farmington Avenue  
MC-6222  
Farmington, CT 06030  
Phone: 888-486-8537  
Email: manager@ctdownsyndrome.org  
**www.ctdownsyndrome.org**

Maine Affiliate (serving all of Maine):  
Southern Maine Down Syndrome Family  
Network  
P.O. Box 705  
Windham, ME 04062  
Phone: 866-571-2223  
Fax: 866-571-2223  
Email: smdsfn@downsyndromemaine.org  
**www.downsyndromemaine.org**

Massachusetts Down Syndrome Congress  
P.O. Box 866  
Melrose, MA 02176  
Phone: 800-664-6372  
Email: mdsc@mdsc.org  
**www.mdsc.org**

New Hampshire Chapter:  
Northern New England Down Syndrome  
Congress  
P.O. Box 1234  
Concord, NH 03302  
Phone: 603-622-6904  
**www.nnedsc.org**

Rhode Island Chapter:  
Down Syndrome Congress of Rhode  
Island  
99 Bald Hill Road  
Cranston, RI 02920  
Phone: 401-463-5751  
**www.dssri.org**



### National Down Syndrome Society

666 Broadway  
Suite 810  
New York, NY 10012  
Phone: 800-221-4602 or 212-460-9330  
Fax: 212-979-2873  
Email: info@ndss.org  
**www.ndss.org**  
Multiple resources listed by state.

### Association for Children with Down Syndrome

4 Fern Place  
Plainview, NY 11803  
Phone: 516-933-4700  
Fax: 516-933-9524  
Email: information@acds.org  
**www.acds.org**

#### ADDITIONAL WEB RESOURCES:

**Growth Charts for Children with Down Syndrome**  
**www.growthcharts.com**

This web site includes a brief history of the genetic basis of Down syndrome and growth charts for children with and without Down syndrome.

**Down Syndrome: Health Issues**  
**www.ds-health.com**

News and information for parents and professionals, provided by a pediatrician who is the father of a child with Down syndrome.

**www.ds-health.com/ds\_sites.htm**

Includes a list of useful links to a wealth of resources about Down syndrome. Compiled by a physician.

ADDITIONAL LITERATURE:

**Babies with Down Syndrome: a New Parent's Guide**

**by Stray-Gundersen, K.**  
**Woodbine House, 2nd Edition, 1995**

A book designed to answer most questions new parents have.

**A Parent's Guide to Down Syndrome: Toward a Brighter Future**

**by Pueschel, S.M.**  
**Paul H. Brooks Publishing Co., 2nd Edition, 2000**

Reference book written by a physician parent of a child with Down syndrome.

**Keys to Parenting a Child with Down Syndrome**

**by Brill, M.T.**  
**Barron's Educational Series, 1993**

Front cover: The child with Down syndrome very often can be raised to become independent. This book offers parents and guardians sound advice on managing healthcare, dealing with siblings, coping with finances, and choosing education, recreation, adult living, and employment options. Available used and in libraries.

**Teaching the Infant with Down Syndrome: A Guide for Parents and Professionals**

**by Hanson, M.J.**  
**Pro-Ed, 2nd Edition, 1996**

A comprehensive curriculum for children with Down syndrome from birth to 24 months. Includes helpful advice.

**Expecting Adam: A True Story of Birth, Rebirth, and Everyday Magic**

**by Beck, M.**  
**Crown, 1999**

Autobiographical tale of an academically oriented Harvard couple who discover prenatally that their baby has Down syndrome.

**Choosing Naia: A Family's Journey**

**by Zuckoff, M.**  
**Beacon Press, 2003**

Follows the story of a couple struggling with grief and confusion and the decisions they face when faced with abnormal prenatal test results.

**Understanding Down Syndrome: An Introduction for Parents**

**by Cunningham, C.**  
**Brookline Books, 1996**

An excellent overview for new parents and professionals.

## DYSTONIA

**Dystonia Medical Research Foundation**

1 East Wacker Drive  
Suite 2430  
Chicago, IL 60601  
Phone: 800-377-3978 or 312-755-0198  
Fax: 312-803-0138  
Email: dystonia@dystonia-foundation.org  
**www.dystonia-foundation.org**

Connecticut Chapters:

Central Connecticut Support Group  
Contact Larry Stahl  
11 Hammick Road  
West Hartford, CT 06107  
Phone: 860-565-2564  
Fax: 860-565-1629  
Email: artscifi2@aol.com

Stratford Support Group  
Contact Barbara Benowitz  
Phone: 203-386-1982

Massachusetts Chapter:  
Lahey Clinic Support Group  
Contact: Ann Lebrun  
Phone: 978-688-2789  
Email: annlebrun@comcast.net

New Hampshire Chapter:  
New Hampshire Support Group  
Diane Dinsmoor  
Phone: 603-524-7861  
Email: ddinsmoor@metrocast.net

Vermont Chapter:  
Vermont Support Group  
Marcia Kenworthy  
Phone: 802-223-2526  
Email: coolestzero@aol.com

ADDITIONAL WEB RESOURCES:

**International Dystonia On-line  
Support Group**  
**[www.dystonia-support.org](http://www.dystonia-support.org)**

Created by affected individuals, this site includes medical information, personal accounts, chat rooms, information for parents, and a children's email club.

ADDITIONAL LITERATURE:

**Holding the Hope: a Parent's Guide to  
Living with Dystonia**  
**by Ross, K.K.**  
**The Dystonia Foundation, 1996**

A guide book for families coping with dystonia. Addresses the impact a child's chronic condition may have on the entire family.

**The Official Patient's Sourcebook on  
Dystonia Disorders: A Revised and  
Updated Directory for the Internet Age**  
**by Icon Health Publications**  
**Icon Health, 2002**

Created for patients doing their own education and research. A reference book organized into 3 main parts: research techniques to find general information, research techniques for specific topics in dystonia, and a guide to the latest scientific research.

## EHLERS-DANLOS SYNDROME

**Ehlers-Danlos National Foundation**  
3200 Wilshire Boulevard  
Suite 1601, South Tower  
Los Angeles, CA 90010

Phone: 213-368-3800  
Fax: 213-427-0057  
Email: staff@ednf.org  
**[www.ednf.org](http://www.ednf.org)**

Local support group information is accessible through web site.

**EDS Today**  
P.O. Box 88814  
Seattle, WA 98138  
Phone: 253-835-1735  
Fax: 253-835-1735  
Email: info@edstoday.org  
**[www.edstoday.org](http://www.edstoday.org)**

ADDITIONAL WEB RESOURCES:

**Ehlers-Danlos Syndrome**  
**[www.orthop.washington.edu/arthritis/types/ehlersdanlos/01](http://www.orthop.washington.edu/arthritis/types/ehlersdanlos/01)**

Web site of the University of Washington Orthopedics and Sports Medicine Group, with information about incidence, risk factors, causes, symptoms, diagnosis, management, treatment, and coping with Ehlers-Danlos syndrome.

## EPILEPSY

**Epilepsy Foundation of America**  
4351 Garden City Drive  
Landover, MD 20785  
Phone: 800-332-1000 or 301-459-3700  
Fax: 301-577-2684  
Email: postmaster@efa.org  
**[www.epilepsyfoundation.org](http://www.epilepsyfoundation.org)**

Connecticut Affiliate:  
Epilepsy Foundation CT, Inc.  
386 Main Street  
Middletown, CT 06457  
Phone: 800-899-3745 or 860-346-1924  
Fax: 860-346-1928  
Email: efct@aol.com  
**[www.epilepsyfoundation.org/  
connecticut](http://www.epilepsyfoundation.org/connecticut)**

Massachusetts and Rhode Island Affiliate:  
Epilepsy Foundation Massachusetts &  
Rhode Island  
540 Gallivan Boulevard, 2nd Floor  
Boston, MA 02124-5401  
Phone: 888-576-9996 or 617-506-6041  
[www.epilepsyfoundation.org/massri/](http://www.epilepsyfoundation.org/massri/)

Vermont Affiliate:  
Epilepsy Foundation Vermont  
PO Box 6292  
Rutland, VT 05702-6292  
Phone: 800-565-0972 or 802-775-1686  
[www.epilepsyvt.org](http://www.epilepsyvt.org)

ADDITIONAL WEB RESOURCES:

**American Epilepsy Society**  
[www.aesnet.org](http://www.aesnet.org)

Neurological professional organization seeking to promote interdisciplinary communication, scientific investigation and exchange of clinical information.

**Epilepsy.com**  
[www.epilepsy.com](http://www.epilepsy.com)

Information on diagnosis, treatment, living with epilepsy, news and other resources.

ADDITIONAL LITERATURE:

**Growing Up with Epilepsy:  
A Practical Guide For Parents**  
by **Blackburn, L.B.**  
**Demos Medical Publishing, 2003**

Provides advice on discipline, social development, education, medications and side effects, psychological concerns, and other issues.

**Handbook of Epilepsy**  
by **Brown, T.R. and Holmes, G.L.**  
**Lippincott, Williams and Wilkins,**  
**3rd Edition, 2003**

Pocket-sized reference book contains concise up-to-date, clinically oriented information on diagnosis and treatment. Includes guidelines and classification of epilepsy syndromes from the American

Academy of Neurology and the American Epilepsy Society.

## FAMILIAL DYSAUTONOMIA

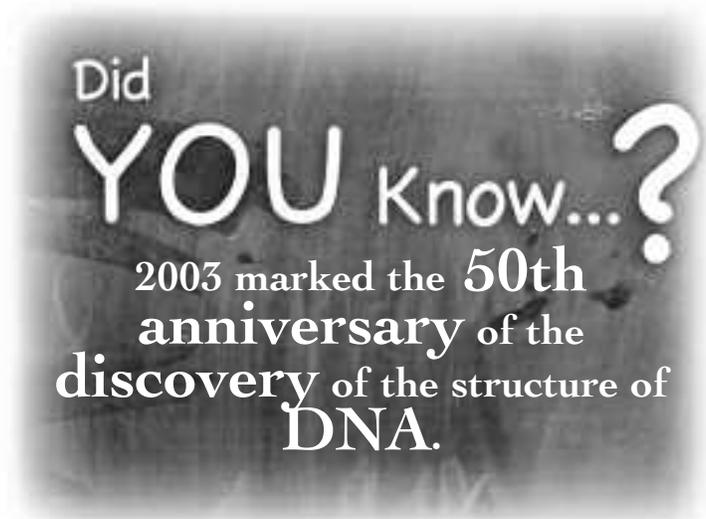
**Dysautonomia Foundation, Inc.**  
315 West 39th Street  
Suite 701  
New York, NY 10018  
Phone: 212-279-1066  
Fax: 212-279-2066  
Email: [info@familialdysautonomia.org](mailto:info@familialdysautonomia.org)  
[www.familialdysautonomia.org](http://www.familialdysautonomia.org)

**National Dysautonomia Research Foundation**  
P.O.Box 301  
Red Wing, MN 55066  
Phone: 651-267-0525  
Fax: 651-267-0524  
Email: [ndrf@ndrf.org](mailto:ndrf@ndrf.org)  
[www.ndrf.org](http://www.ndrf.org)

ADDITIONAL WEB RESOURCES:

**Center for Jewish Diseases  
Mt. Sinai School of Medicine**  
[www.mssm.edu/jewish\\_genetics](http://www.mssm.edu/jewish_genetics)

Follow links to familial dysautonomia. Includes disease description, natural history, genetics and testing information.



## FANCONI ANEMIA

### Fanconi Anemia Research Fund, Inc.

1801 Willamette Street  
Suite 200  
Eugene, OR 97401  
Phone: 541-687-4658  
Fax: 541-687-0548  
Email: info@fanconi.org  
[www.fanconi.org](http://www.fanconi.org)

#### ADDITIONAL WEB RESOURCES:

### Fanconi Anemia Mutation Database [www.rockefeller.edu/fanconi/mutate/](http://www.rockefeller.edu/fanconi/mutate/)

Established as a cooperative effort to accelerate the availability of information. Divided into a public section listing mutations that have already been reported in the literature, and a private section with unpublished data.

### FA: Hematology 101 [www.dceg.cancer.gov/clinicalhematology101.html](http://www.dceg.cancer.gov/clinicalhematology101.html)

Powerpoint slide show on Fanconi Anemia by Dr. Blanche Alter of the National Cancer Institute.

#### ADDITIONAL LITERATURE:

### Molecular Mechanisms of Fanconi Anemia by Ahmad, S. Eurekan.com Inc., 2004

Medical textbook.

## FATTY ACID OXIDATION DISORDERS

**FOD Family Support Group**  
1559 New Garden Road, 2E  
Greensboro, NC 27410  
Phone: 336-547-8682  
Fax: call for faxing information  
Email: deb@fodsupport.org  
[www.fodsupport.org](http://www.fodsupport.org)

## FIBRODYSPLASIA OSSIFICANS PROGRESSIVA

### International FOP Association

P.O. Box 196217  
Winter Springs, FL 32719  
Phone: 407-365-4194  
Fax: 407-365-3213  
Email: together@ifopa.org  
[www.ifopa.org](http://www.ifopa.org)

## FRAGILE X SYNDROME

### National Fragile X Foundation

P.O. Box 190488  
San Francisco, CA 94119  
Phone: 800-688-8765 or 925-938-9300  
Fax: 925-938-9315  
Email: natlfx@fragileX.org  
[www.fragileX.org](http://www.fragileX.org)

Connecticut Affiliate:  
Fragile X Society of Connecticut  
Contact: Tammy Selinger  
Phone: 860-233-1904  
Email: xfamily@aol.com

Maine Affiliate:  
Maine Fragile X Resource Group  
Cheryl Peterson  
Home Phone: 207-224-2035  
Julie Gosselin  
Home Phone: 207-657-2395  
Email: mainefragilex@yahoo.com  
[www.fragilex.org/html/maine.htm](http://www.fragilex.org/html/maine.htm)

Massachusetts Affiliates:  
Fragile X Resource Group of Western  
Massachusetts  
Denise Devine  
Phone: 413-584-1859  
Email: Devinehdly@aol.com

FraX'em (FX Resource Group of E. MA)  
Contact: Sandra Morse  
Phone: 978-927-3669  
Email: wishlist@hotmail.com  
[http://communities.msn.com/  
TheWorldofFragileX](http://communities.msn.com/TheWorldofFragileX)

New Hampshire Affiliate:  
New Hampshire Fragile X Resource Group  
Contact: Debbie White  
Phone: 603-329-4632  
Email: nhfragx@yahoo.com  
[www.fragilex.org/html/new\\_hampshire.htm](http://www.fragilex.org/html/new_hampshire.htm)

Rhode Island Affiliate:  
Rhode Island Fragile X Resource Group  
Contact: Robert & Anne McInerney  
Phone: 401-467-5135  
Fax: 401-467-5135  
Email: RWM1954@aol.com

**FRAXA Research Foundation, Inc.**  
45 Pleasant Street  
Newburyport, MA 01950  
Phone: 978-462-1866  
Fax: 978-463-9985  
Email: info@fraxa.org  
[www.fraxa.org](http://www.fraxa.org)

ADDITIONAL LITERATURE:

**Children with Fragile X Syndrome:  
A Parents Guide  
by Weber, J.D.  
Woodbine House, 2000**

A comprehensive book for parents. Topics include diagnosis, parents' emotions, daily care, family life, education, and seeking further help and expertise.

**Fragile X Syndrome:  
Diagnosis, Treatment, and Research  
by Hagerman, R.J. and Hagerman, P.J.  
Johns Hopkins University Press,  
3rd edition, 2002**

Textbook discusses clinical approaches to diagnosis, epidemiology, molecular genetics, neuropsychology, treatment, genetic counseling, pharmacotherapy, and gene therapy.

## **GALACTOSEMIA**

**Parents of Galactosemic Children, Inc.**  
1519 Magnolia Bluff Drive  
Gautier, MS 39553  
Phone: 775-626-0885  
Email: president@galactosemia.org  
[www.galactosemia.org](http://www.galactosemia.org)

ADDITIONAL WEB RESOURCES:

**Galactosemia Resources and  
Information**  
[www.galactosemia.com](http://www.galactosemia.com)

Includes general information on galactosemia, galactose content in foods, and contact information for other affected families.

## **GAUCHER DISEASE**

**National Gaucher Foundation, Inc.**  
61 General Early Drive  
Harpers Ferry, WV 25425  
Phone: 800-925-8885  
Fax: 304-725-6429  
Email: ngf@gaucherdisease.org  
[www.gaucherdisease.org](http://www.gaucherdisease.org)

**Children's Gaucher Research Fund**  
P.O. Box 2123  
Granite Bay, CA 95746  
Phone: 916-797-3700  
Fax: 916-797-3707  
Email: research@childrensgaucher.org  
[www.childrensgaucher.org](http://www.childrensgaucher.org)

OTHER WEB RESOURCES:

**Gaucher Disease Summary**  
[www.gaucher.mgh.harvard.edu/summary.html](http://www.gaucher.mgh.harvard.edu/summary.html)

A guide for patients, parents, relatives, and friends provided by the Neurology Service at Massachusetts General Hospital. Includes links to diagnosis, evaluation and treatment summaries, a section on living with Gaucher disease, and questions and answers about therapies.

**Center for Jewish Diseases  
Mt. Sinai School of Medicine  
[www.mssm.edu/jewish\\_genetics](http://www.mssm.edu/jewish_genetics)**

Follow links to Gaucher disease. Includes disease description, natural history, genetics and testing information.

ADDITIONAL LITERATURE:

**The Official Parent s Sourcebook on  
Gaucher s Disease: A Revised and  
Updated Directory for the Internet  
Age  
by Parker, P.M. and Parker, J.N. (eds.)  
Icon Health, 2002**

Informs parents about where and how to look for information. Also useful for doctors, caregivers, and other health professionals.

## GLYCOGEN STORAGE DISEASES

**Association for Glycogen Storage  
Disease**

P.O. Box 896  
Durant, IA 52747  
Phone: 563-785-6038  
Fax: 563-785-6038  
Email: [maryc@agsdus.org](mailto:maryc@agsdus.org)  
**[www.agsdus.org](http://www.agsdus.org)**

**The Children s Fund for Glycogen  
Storage Disease Research**

917 Bethany Mountain Road  
Cheshire, CT 06416  
Phone: 203-272-CURE or 203-272-7744  
Email: [info@curegsd.org](mailto:info@curegsd.org)  
**[www.curegsd.org](http://www.curegsd.org)**

**American Liver Foundation**

75 Maiden Lane  
Suite 603  
New York, NY 10038  
Phone: 800-465-4837 or 212-688-1000  
Fax: 212-483-8179  
Email: [info@liverfoundation.org](mailto:info@liverfoundation.org)  
**[www.liverfoundation.org](http://www.liverfoundation.org)**

Connecticut Chapter:  
127 Washington Avenue  
North Haven, CT 06473  
Phone: 203-234-2022

Fax: 203-234-1386  
Email: [info@ctalf.org](mailto:info@ctalf.org)  
**[www.ctalf.org](http://www.ctalf.org)**

New England Chapter:  
88 Winchester Street  
Newton, MA 02461  
Phone: 800-298-6766 or 617-527-5600  
Email: [info@liverfoundation-ne.org](mailto:info@liverfoundation-ne.org)  
**[www.liverfoundation-ne.org](http://www.liverfoundation-ne.org)**

## GROWTH DISORDERS

**Human Growth Foundation**

997 Glen Cove Avenue  
Glen Head, NY 11545  
Phone: 800-451-6434 or 516-671-4041  
Fax: 516-671-4055  
Email: [hgf1@hgfound.org](mailto:hgf1@hgfound.org)  
**[www.hgfound.org](http://www.hgfound.org)**

**MAGIC Foundation for Children s  
Growth**

6645 West North Avenue  
Oak Park, IL 60302  
Phone: 800-362-4432 or 708-383-0808  
Fax: 708-383-0899  
Email: [mary@magicfoundation.org](mailto:mary@magicfoundation.org)  
**[www.magicfoundation.org](http://www.magicfoundation.org)**

## HEART DISORDERS

**American Heart Association**

7272 Greenville Avenue  
Dallas, TX 75231  
Phone: 800-242-8721 or 214-373-6300  
Fax: 214-373-0268  
Email: [inquire@heart.org](mailto:inquire@heart.org)  
**[www.americanheart.org](http://www.americanheart.org)**

Connecticut Chapter:

5 Brookside Drive  
P.O. Box 5022  
Wallingford, CT 06492  
Phone: 203-294-0088  
Fax: 203-294-3577

Maine Chapter:

51 US Route 1  
Suite M  
Scarborough, ME 04074  
Phone: 207-879-5700  
Fax: 207-879-5918

Massachusetts Chapters:  
20 Speen Street  
Framingham, MA 01701  
Phone: 508-620-1700  
Fax: 508-620-6157

1111 Elm Street, Suite 9A  
West Springfield, MA 01089  
Phone: 413-827-0400  
Fax: 413-827-9390

2 White's Path  
South Yarmouth, MA 02664  
Phone: 508-760-6818  
Fax: 508-760-6824

New Hampshire Chapter:  
2 Wall Street  
Manchester, NH 03101  
Phone: 603-669-5833  
Fax: 603-669-6745

Rhode Island Chapter:  
222 Richmond Street, Suite 108  
Providence, RI 02903  
Phone: 401-330-1700  
Fax: 401-330-1720

Vermont Chapter:  
434 Hurricane Lane  
Williston, VT 05495  
Phone: 802-878-7700  
Fax: 802-878-7850

**Congenital Heart Anomalies Support,  
Education, and Research**  
2112 North Wilkins Road  
Swanton, OH 43558  
Phone: 419-825-5575  
Fax: 419-825-2880  
Email: chaser@compuserve.com  
**[www.csun.edu/~hcmth011/chaser/chaser-news.html](http://www.csun.edu/~hcmth011/chaser/chaser-news.html)**

**Mended Hearts Inc.**  
7272 Greenville Avenue  
Dallas, TX 75231  
Phone: 888-432-7899 or 214-360-6149  
Fax: 214-360-6145  
Email: info@mendedhearts.org  
**[www.mendedhearts.org](http://www.mendedhearts.org)**

### **Children's Heart Information Network**

1561 Clark Drive  
Yardley, PA 19067  
Phone: 215-493-3068  
Fax: 215-493-3068  
Email: mb@tchin.org  
**[www.tchin.org](http://www.tchin.org)**

### **Little Hearts, Inc.**

P.O. Box 171  
Cromwell, CT 06416  
Phone: 860-635-0006 or 866-435-4673  
Fax: 860-635-0006  
Email: info@littlehearts.org  
**[www.littlehearts.net](http://www.littlehearts.net)**

#### ADDITIONAL WEB RESOURCES:

### **Texas Heart Institute** **[www.texasheartinstitute.org](http://www.texasheartinstitute.org)**

Information about the heart institute at St. Luke's Episcopal Hospital in Houston, Texas.

### **Congenital Heart Disease Center** **[www.heartcenteronline.com](http://www.heartcenteronline.com)**

Provides patient guides on many congenital heart anomalies, includes animated videos showing how the heart works.

#### ADDITIONAL LITERATURE:

### **Cardiac Kids: A Book for Families Who have a Child with Heart Disease by Elder, V. and King, A. Tenderhearts Publishing Company, 1994**

For parents and children to read together, this book explains many of the medical tests a child will experience after being diagnosed with heart disease. It also touches on some of the stress siblings may feel.

### **Heart Defects in Children: What Every Parent Should Know by Wild, C.J. Wiley, 1998**

A resource that succinctly addresses and provides answers for these complex disorders. Also explains infections, tests, treatments, and risk factors.

**The Heart of a Child: What Families Need to Know about Heart Disorders in Children**

**by Clark, E.B., Clark, C. and Neill, C.A.**  
**Johns Hopkins University Press,**  
**2nd Edition, 2001**

Written by two professors in pediatric cardiology, along with pediatric nurse. The authors have included how the heart develops in a child and show what can go wrong during the growing process. They also discuss the risk factors for heart defects, explain how heart problems are recognized, and cover treatment options.

**The Parents Guide to Children's Congenital Heart Defects: What they Are, How to Treat Them, How to Cope with Them**

**by Kramer, G.F. and Maurer, S.**  
**Three Rivers Press, 2001**

Designed for parents whose child has been recently diagnosed with a congenital heart defect (CHD). The authors knowledgeably discuss both the medical and the emotional issues to be addressed, from diagnosis through surgery (if needed) to recovery on to adulthood. Includes an illustrated overview of 16 of the most common defects.

**Fetal Echocardiography**

**by Drose, J.A.**  
**W. B. Saunders Company, 1998**

An essential reference for anyone involved in fetal echocardiography.

## HEMOCHROMATOSIS

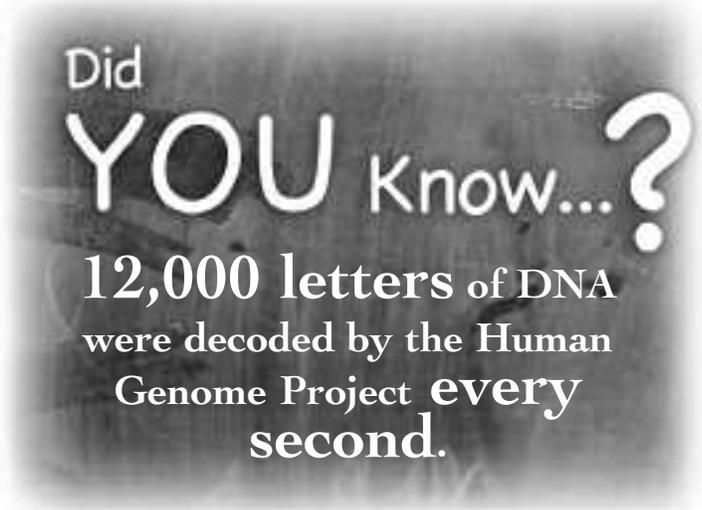
**American Hemochromatosis Society**

4044 West Lake Mary Boulevard  
Suite 104, PMB 416  
Lake Mary, FL 32746  
Phone: 888-655-4766 or 407-829-4488  
Fax: 407-333-1284  
Email: mail@americanhs.org  
**www.americanhs.org**

**American Liver Foundation**

75 Maiden Lane  
Suite 603  
New York, NY 10038

Phone: 800-465-4837 or 212-688-1000  
Fax: 212-483-8179  
Email: info@liverfoundation.org  
**www.liverfoundation.org**



Connecticut Chapter:  
127 Washington Avenue  
North Haven, CT 06473  
Phone: 203-234-6304  
Fax: 203-234-1386  
Email: ctalf@liverfoundation.org  
**www.ctalf.org**

New England Chapter:  
88 Winchester Street  
Newton, MA 02461  
Phone: 800-298-6766 or 617-527-5600  
Email: info@liverfoundation-ne.org  
**www.liverfoundation-ne.org**

ADDITIONAL WEB RESOURCES:

**Hemochromatosis Information Society**  
**www.hemoinfo.org**

Information on the condition, its treatment, getting an at-home test kit, and links for further information.

ADDITIONAL LITERATURE:

**Living with Hemochromatosis**  
**by Everson, G. and Weinberg, H.**  
**Hatherleigh Press, 2003**

Patient guide covers signs, symptoms, diagnosis, treatment options, and new areas of research, as well as physical, emotional, nutritional and financial issues.

**The Iron Disorders Institute Guide to Hemochromatosis**

**by Garrison, C.D., Phatak, D.D., Weinber, E.D., and Burke, W. Cumberland House Publishing, 2001**

Valuable information on diagnosis, treatment, lifestyle, nutrition and genetics.

**The Official Patient's Sourcebook on Hemochromatosis**

**by Parker, J.N. and Parker, P.M. Icon Health, 2002**

Informs patients, caregivers and health professionals about looking for information on hemochromatosis.

## HEMOPHILIA

**National Hemophilia Foundation**

116 West 32nd Street, 11th floor  
New York, NY 10001  
Phone: 800-424-2634 or 212-328-3700  
Fax: 212-328-3777  
Email: info@hemophilia.org  
**www.hemophilia.org**

**New England Hemophilia Foundation**

347 Washington Street, Suite 402  
Dedham, MA 02026  
Phone: 781-326-7645  
Fax: 781-329-5122  
Email: neha@theworld.com  
**www.newenglandhemophilia.org**

ADDITIONAL WEB RESOURCES:

**BloodLine**

**www.bloodline.net**

Resource for hematology education & news.

## HUNTINGTON'S DISEASE

**Huntington's Disease Society of America**

505 Eighth Avenue, Suite 902  
New York, NY 10018  
Phone: 800-345-4372 or 212-242-1968  
Fax: 212-239-3430  
Email: hdsainfo@hdsa.org  
**www.hdsa.org**

New England Chapter:  
1253 Worcester Road

Suite 202  
Framingham, MA 01701  
Phone: 888-872-8102 or 508-872-8102  
Fax: 508-872-8103  
Email: virginia@hdsa-ne.org  
**www.hdsa-ne.org**

**Hereditary Disease Foundation (focuses on Huntington's Disease)**

1303 Pico Boulevard  
Santa Monica, CA 90405  
Phone: 310-450-9913  
Fax: 310-450-9532  
Email: cures@hdfoundation.org  
**www.hdfoundation.org**

ADDITIONAL WEB RESOURCES:

**The Huntington's Disease Association Online**

**www.hda.org.uk**

Offers news and information about Huntington's disease for people affected, their families, friends, and health care professionals.

**Huntington's Disease Advocacy Center**

**www.hdac.org**

Chat rooms, research updates, and information on living with Huntington's disease, managing symptoms, caregiving, finances, and nursing homes.

ADDITIONAL LITERATURE:

**Huntington's Disease: The Facts**

**by Quarrell, O. Oxford University Press, 1999**

Pocket guide that offers practical advice, discusses medical facts, genetic aspects and counseling, neuropathology, and support organizations.

**Faces of Huntington's**

**by Leal-Pock, C. Living Hope Inc., 1998**

A unique collection of writings which illuminates the many facets of Huntington's Disease.

**Mapping Fate: A Memoir of Family, Risk, and Genetic Research**  
by Wexler, A.  
University of California Press, 1996

Personal account of a family dealing with Huntington's Disease.

## HYDROCEPHALUS

**National Hydrocephalus Foundation**  
12413 Centralia Road  
Lakewood, CA 90715  
Phone: 888-857-3434 or 562-402-3523  
Fax: 562-924-6666  
Email: hydrobrat@earthlink.net  
[www.nhfonline.org](http://www.nhfonline.org)

**Hydrocephalus Association**  
870 Market Street, Suite 705  
San Francisco, CA 94102  
Phone: 888-598-3789 or 415-732-7040  
Fax: 415-732-7044  
Email: info@hydroassoc.org  
[www.hydroassoc.org](http://www.hydroassoc.org)

**Guardians of Hydrocephalus Research Foundation**  
2618 Avenue Z  
Brooklyn, NY 11235  
Phone: 718-743-4473  
Fax: 718-743-1171  
Email: GHRF2618@aol.com  
[www.ghrf.homestead.com/ghrf.html](http://www.ghrf.homestead.com/ghrf.html)

**Hydrocephalus Foundation**  
910 Rear Broadway, Route 1  
Saugus, MA 01906  
Phone: 781-942-1161  
Email: Hyfll@netscape.net  
[www.hydrocephalus.org](http://www.hydrocephalus.org)

### ADDITIONAL WEB RESOURCES:

**The Hydrocephalus Center**  
[www.patientcenters.com/hydrocephalus](http://www.patientcenters.com/hydrocephalus)

Comprehensive site with links to resources for families with children with hydrocephalus.

**NIH Hydrocephalus links**  
[www.nlm.nih.gov/medlineplus/hydrocephalus.html](http://www.nlm.nih.gov/medlineplus/hydrocephalus.html)

Listing of resources on hydrocephalus compiled by the U.S. National Library of Medicine and the National Institutes of Health.

### ADDITIONAL LITERATURE:

**Hydrocephalus: A Guide for Patients, Families and Friends**  
by Toporek, C. Robinson, K. and Lamb, L.  
Patient Center Guide, Inc., 1999

Addresses: selecting a skilled neurosurgeon, treatments, and support.

**Pediatric Hydrocephalus**  
by Cinalli, G., Maixner, W.J. and Sainte-Rose, C.  
Springer-Verlag, 2006

Medical reference text for health care professionals including classification, etiology, pathophysiology, genetics, and recent advances.

## JEWISH GENETIC DISEASES

**Jewish Genetic Disease Consortium**  
315 West 39th Street, Suite 701  
New York, NY 10018  
Phone: 866-370-4363  
Email: info@JewishGeneticDiseases.org  
[www.jewishgeneticdiseases.org](http://www.jewishgeneticdiseases.org)

The Jewish Genetic Disease Consortium was created as a means by which smaller, individual organizations could join together to heighten awareness of Jewish genetic diseases. The target audience includes medical professionals, rabbis, and the Ashkenazi Jewish population at large.

## KLINEFELTER SYNDROME

**American Association for Klinefelter Syndrome Information and Support**  
2945 West Farwell Avenue  
Chicago, IL 60645  
Phone: 888-466-5747 or 773-761-5298  
Fax: 773-761-5298  
Email: ksinfo@aaksis.org  
[www.aaksis.org](http://www.aaksis.org)

Northeast/Boston area Regional Support Group:

Co-chairs of the Support Group

Dalene Basden

Phone: 781-599-9288

Email: ptahsw@verizon.net

Bill Mulkern

Phone: 617-742-4247

### **Klinefelter Syndrome and Associates**

11 Keats Court

Coto De Caza, CA 92679

Phone: 888-999-9428

Fax: 949-858-3443

Email: help@genetic.org

**www.genetic.org**

#### ADDITIONAL WEB RESOURCES:

### **Klinefelter Syndrome Support Group Home Page**

**www.klinefeltersyndrome.org**

Includes links to prenatal diagnosis information, support group information, research studies, medical conferences, and other useful web sites.

#### ADDITIONAL LITERATURE:

### **Klinefelter's Syndrome: A Medical Dictionary, Bibliography, and Annotated Research Guide to Internet References by Icon Health Publications Icon Health, 2004**

Complete medical dictionary, lists of bibliographic citations, and information on Internet resources. Designed for physicians, medical students, medical researchers, and patients.

## **KLIPPEL- TRENAUNAY- WEBER**

### **Klippel-Trenaunay Support Group**

5404 Dundee Road

Edina, MN 55436

Phone: 952-925-2596

Fax: 612-677-1338

Email: ktnewmembers@yahoo.com

**www.k-t.org**

## **LESCH- NYHAN SYNDROME**

### **Lesch-Nyhan Syndrome Registry**

New York University School of Medicine

Department of Psychiatry

New Bellevue 18 18E13

Bellevue Hospital

New York, NY 10016

Phone: 212-263-6458

Fax: 212-629-9523

Email: lta1@nyu.edu

**www.Indinfo.org**

### **Lesch-Nyhan Syndrome**

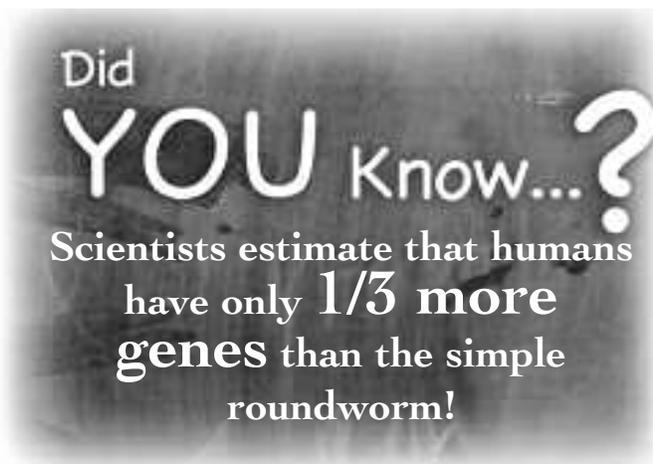
### **Children's Research Foundation**

210 South Green Bay Road

Lake Forest, IL 60045

Phone: 847-234-3154

Fax: 847-234-3136



#### ADDITIONAL WEB RESOURCES:

### **National Institute of Neurological Disorders and Stroke; Lesch-Nyhan Syndrome Information Page**

**www.ninds.nih.gov/disorders/lesch\_nyhan/lesch\_nyhan.htm**

Includes a description of Lesch-Nyhan syndrome, treatment options, prognosis and information on research.

## **LEUKODYSTROPHY**

### **United Leukodystrophy Foundation**

2304 Highland Drive

Sycamore, IL 60178

Phone: 800-728-5483 or 815-895-3211

Fax: 815-895-2432

Email: office@ulf.org

**www.ulf.org**

ADDITIONAL LITERATURE:

**21st Century Complete Medical Guide to Leukodystrophies: Authoritative Government Documents, Clinical References, and Practical Information for Patients and Physicians by PM Medical Health News Progressive Management, 2004**

Electronic, thoroughly-researched collection on CD-ROM. For patients, practical information is provided in clearly written educational documents. For medical professionals, reference tools and texts have detailed technical information.

## LUPUS

**American Autoimmune Related Diseases Association, Inc.**

22100 Gratiot Avenue  
East Detroit, MI 48021  
Phone: 586-776-3900  
Fax: 586-776-3903  
Email: aarda@aarda.org  
**www.aarda.org**

**SLE Foundation, Inc.**

149 Madison Avenue  
Suite 205  
New York, NY 10016  
Phone: 212-685-4118  
Fax: 212-545-1843  
Email: lupus@lupusny.org  
**www.lupusny.org**

**Lupus Foundation of America, Inc.**

2000 L Street, NW  
Washington, DC 20036  
Phone: 800-558-0121 or 202-349-1155  
Fax: 202-349-1156  
Email: info@lupus.org  
**www.lupus.org**

Connecticut and Rhode Island Chapter:  
97 South Street  
Suite 110  
West Hartford, CT 06110  
Phone: 800-699-6967 or 860-953-0387  
Fax: 860-953-0483  
Email: CTLFA@sbcglobal.net  
**www.lupusct.org**

New Hampshire and  
Vermont Chapter:  
Waterbury, VT  
Phone: 802-244-5988

ADDITIONAL WEB RESOURCES:

**Lupus Suite 101**

**www.suite101.com/welcome.cfm/lupus**

Written by a nurse who is also a lupus patient. Provides information, support and help.

**The Lupus Site**

**www.uklupus.co.uk**

Information on lupus including symptoms, diagnosis, tests, medications, and email list.

ADDITIONAL LITERATURE:

**Coping with Lupus: A Guide to Living With Lupus for You and Your Family by Phillips, R.H. Avery Publishing Group, 3rd Edition, 2001**

Includes new research, treatments, and information.

**The Lupus Handbook for Women by Dibner, R. Fireside, 1994**

“Must-read” book of common sense advice and tips for daily living, as well as an entire chapter on pregnancy.

## MARFAN SYNDROME

**National Marfan Foundation**

22 Manhasset Avenue  
Port Washington, NY 11050  
Phone: 800-862-7326 or 516-883-8712  
Fax: 516-883-8040  
Email: staff@marfan.org or  
support@marfan.org  
**www.marfan.org**

Connecticut Contact:  
Richard Paul  
Phone: 203-268-7559  
Email: richcpaul@hotmail.com

Maine Contact:  
Merrill Henderson  
Phone: 207-839-8637  
Email: mhender1@maine.rr.com  
Massachusetts Contacts:  
Suzanne Kouri (Lexington)  
Phone: 781-862-6398 or  
781-248-8743(Cell)  
Email: kouri34@aol.com  
Sandra La Pan  
Phone: 413-739-2950

Rhode Island Contact:  
Adrienne Shafer  
Phone: 401-658-1719  
Email: ashafer28@cox.net

ADDITIONAL WEB RESOURCES:

**National Institute of Arthritis and  
Musculoskeletal and Skin diseases**  
**[www.niams.nih.gov/hi/topics/marfan/  
marfan.htm](http://www.niams.nih.gov/hi/topics/marfan/marfan.htm)**

Answers general questions about Marfan syndrome. It describes the characteristics of the disorder, the diagnostic process, and ways to manage symptoms.

ADDITIONAL LITERATURE:

**Connective Tissue and Its Heritable  
Disorders: Molecular, Genetic and  
Medical Aspects**  
**by Royce, P.M. and Steinmann, B.**  
**Wiley-Liss, 2nd Edition, 2002**

Reference text which provides up to date clinical and scientific information for medical specialists treating affected individuals.

## MENTAL RETARDATION

**The ARC (formerly known as The  
Association for Retarded Citizens)**  
1010 Wayne Avenue  
Silver Spring, MD 20910  
Phone: 800-433-5255 or 301-565-3842  
Fax: 301-565-5342  
Email: info@thearc.org  
**[www.thearc.org](http://www.thearc.org)**

Connecticut chapters:  
Sarah Seneca Residential Services  
11 Business Park Drive, Suite 1  
Branford, CT 06405  
Phone: 203-315-3770  
Email: sarahsenecares@snet.net

Farmington Valley ARC, Inc.  
225 Commerce Drive  
P.O. Box 1099  
Canton, CT 06019  
Phone: 860-693-6662  
Email: favarh@favarh.org  
**[www.favarh.org](http://www.favarh.org)**

Tri-County ARC, CT  
65 Route 66 East  
Columbia, CT 06237  
Phone: 860-228-2070 X103

WeCAHR  
211 Main Street  
Danbury, CT 06810  
Phone: 203-792-3540  
**[www.wecahr.org](http://www.wecahr.org)**

The ARC of Quinebaug Valley  
687 Cook Hill Road  
Danielson, CT 06239  
Phone: 860-774-2827

The ARC of Greater Enfield  
75 Hazard Avenue  
Unit E  
Enfield, CT 06082  
Phone: 860-763-5411

SARAH, Inc.  
246 Goose Lane, Suite 101  
Guilford, CT 06437  
Phone: 203-458-4040  
**[www.sarah-inc.org](http://www.sarah-inc.org)**

Sarah Tuxis Residential Services, Inc.  
45 Boston Street  
Guilford, CT 06437  
Phone: 203-458-8532  
Email: tuxis@cshore.com  
**[www.sarah-tuxis.org](http://www.sarah-tuxis.org)**

MARC, Inc. of Manchester  
376R West Middle Turnpike  
Manchester, CT 06040  
Phone: 860-646-5718  
Email: info@marcct.org  
**www.marcct.org**

The ARC of Meriden-Wallingford, Inc.  
224-226 Cook Avenue  
Meriden, CT 06451  
Phone: 203-237-9975  
Email: info@mwsinc.org  
**www.mwsinc.org**

Directions, Inc.  
62 Washington Street  
Middletown, CT 06457  
Phone: 860-347-5099  
Email: PDFutures@aol.com

Options Unlimited, Inc.  
584 West Hill Road  
New Hartford, CT 06057  
Phone: 860-738-1410  
**Email: optionsunltd@myexcel.com**

Friends of New Milford, Inc.  
238 Chesnutland Road  
New Milford, CT 06776  
Phone: 860-355-5343

STAR, Inc., Lighting the Way  
P.O. Box 470  
Norwalk, CT 06851  
Phone: 203-846-9581  
**www.starinc-lightingtheway.org**

ARC of New London County  
125 Sachem Street  
Norwich, CT 06360  
Phone: 860-889-4435  
Email: nlarc@snet.net

The ARC of Plainville  
367 New Britain Avenue  
Plainville, CT 06062  
Phone: 860-747-1560

The ARC of Southington, Inc.  
201 West Main Street  
Plantsville, CT 06479  
Phone: 860-628-9220  
Email: advocacy@arcsouthington.org  
**www.arcsouthington.org**

Marc Community Resources, Ltd.  
12 Fairview Street  
P.O. Box 126  
Portland, CT 06480  
Phone: 860-342-0700  
Email: marclizw@snet.net  
**www.marcweb.org**

Litchfield County ARC  
314 Main Street  
Torrington, CT 06790  
Phone: 860-482-9364  
Email: larc@litchfieldarc.org  
**www.litchfieldarc.org**

Waterbury ARC  
1929 East Main Street  
Waterbury, CT 06705  
Phone: 203-575-0707  
Email: warc@snet.net

Family Options  
51 Depot Road  
Watertown, CT 06795  
Phone: 860-274-0757

The ARC of Connecticut  
1030 New Britain Avenue  
Suite 102  
West Hartford, CT 06110  
Phone: 860-953-8335  
Email: arcct@aol.com  
**www.arcct.com**

Maine Chapters:  
(listed alphabetically by town)

DEH Operating Co.  
d/b/a Downeast Horizons  
1200 State Highway 3  
Bar Harbor, ME 04609  
Phone: 207-288-4234  
Email: info@dehi.org  
**www.dehi.org**

Independence Association  
P.O. Box 642  
Brunswick, ME 04011  
Phone: 207-725-4371  
Email: webmaster@indepassoc.org  
**www.independenceassociation.org**

Work First, Inc.  
P.O. Box 86  
Farmington, ME 04938  
Phone: 207-778-3200  
Community Living Association  
45 School Street  
Houlton, ME 04730  
Phone: 207-532-9446  
**[www.cla-maine.org/](http://www.cla-maine.org/)**

Green Valley Arc  
PO Box 127  
Island Falls, ME 04747  
Phone: 207-463-2156

Katahdin Friends Inc.  
1024 Central Street, Suite A  
Millinocket, ME 04462-2111  
Phone: 207-723-9466  
**[www.kfimaine.org](http://www.kfimaine.org)**

Central Aroostook Arc  
26 Lombart Street  
P.O. Box 1245  
Presque Isle, ME 04769  
Phone: 207-764-0134

Arc - Oxford County  
85 Lincoln Avenue  
Rumford, ME 04276  
Phone: 207-369-0141

Arc - Waban Projects, Inc.  
5 Dunaway Drive  
Sanford, ME 04073  
Phone: 207-324-7955

Sebasticook Farms Arc  
P.O. Box 65  
St Albans, ME 04971  
Phone: 207-938-4615

Arc - Northern Aroostook  
267 Main Street  
Van Buren, ME 04785  
Phone: 207-868-5203  
Email: [naainc@verizon.net](mailto:naainc@verizon.net)

Ken-A-Set Arc  
P.O. Box 334  
Waterville, ME 04903-0334  
Phone: 207-872-6484

Massachusetts Chapters (listed  
alphabetically by town):

The Arc of Northern Bristol County  
141 Park Street  
Attleboro, MA 02703  
Phone: 508-226-1445  
Email: [nfo@arcnbc.org](mailto:nfo@arcnbc.org)  
**[www.arcnbc.org/](http://www.arcnbc.org/)**

Greater Boston Arc  
221 North Beacon Street  
2nd Floor  
Brighton, MA 02135  
Phone: 617- 783-3900  
Email: [GBARc1@msn.com](mailto:GBARc1@msn.com)  
**[www.gbarc.org/](http://www.gbarc.org/)**

Brockton Area Arc  
1250 West Chestnut Street  
Brockton, MA 02301  
Phone: 508-583-8030  
Email: [BAARC@comcast.net](mailto:BAARC@comcast.net)  
**[www.brocktonareaarc.org](http://www.brocktonareaarc.org)**

Minute Man Arc for Human Services  
1269 Main Street  
Concord, MA 01742  
Phone: 978-287-7932  
Email: [postmaster@minutemanarc.org](mailto:postmaster@minutemanarc.org)  
**[www.minutemanarc.org/](http://www.minutemanarc.org/)**

North Shore Arc  
64 Holten Street  
Danvers, MA 01923  
Phone: 978-762-4878  
**[www.nsarc.org](http://www.nsarc.org)**

The Arc of Greater Fall River  
P.O. Box 1943  
Fall River, MA 02722  
Phone: 508-679-0001  
Email: [danarc29A@msa.com](mailto:danarc29A@msa.com)

ARC Community Services  
564 Main Street  
Fitchburg, MA 01420  
Phone: 978-343-6662 Ext 131  
Email: [tikennedy@arminc.info](mailto:tikennedy@arminc.info)  
**[www.arccommunityservices.org](http://www.arccommunityservices.org)**

The United Arc of Franklin & Hampshire Counties  
111 Summer Street  
Greenfield, MA 01301  
Phone: 413-774-5558

The Arc of Northern Essex County, Inc.  
57 Wingate Street, Suite 301  
Haverhill, MA 01832  
Phone: 978-373-0552  
Email: arc.nec@verizon.net

The Arc of Cape Cod  
P.O. Box 428  
Hyannis, MA 02601  
Phone: 508-790-3667  
Email: arcofcapecod@hotmail.com  
**www.arcofcapecod.org**

The Arc of Greater Lawrence  
One Parker Street  
Lawrence, MA 01843  
Phone: 978-975-8587  
Email: info@classinc.org  
**www.classinc.org/arc\_page.htm**

Charles River Arc  
59 East Militia Heights Drive  
Needham, MA 02492-1313  
Phone: 781-444-4347  
Email: development@crarc.org  
**www.crarc.org/**

The Arc of The South Shore  
371 River Street  
North Weymouth, MA 02191  
Phone: 781-335-3023  
Email: info@arcsouthshore.org  
**www.arcsouthshore.org**

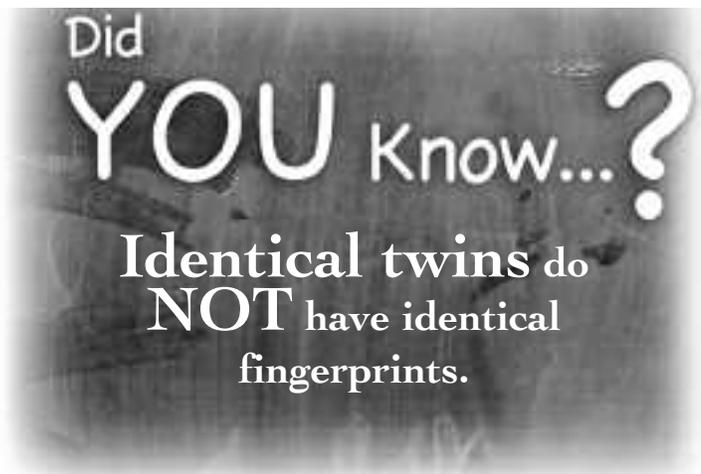
Berkshire County Arc  
395 South Street  
Pittsfield, MA 01201  
Phone: 413-499-4241  
Email: bcarc@bcarc.org  
**www.bcarc.org/**

The Arc of Greater Plymouth, Inc.  
Cordage Commerce Center  
10 Cordage Park Circle, Suite 208  
Plymouth, MA 02360  
Phone: 508-732-9292  
Email: info@thearcofgp.com  
**www.thearcofgp.com**

East Middlesex Arc  
20 Gould Street  
Reading, MA 01867-2927  
Phone: 781-942-4888  
**www.themarc.org/**

Southern Worcester County Arc  
P.O. Box 66  
100 Foster 1N Street  
Southbridge, MA 01550  
Phone: 508-764-4085

The Arc of Massachusetts  
217 South Street  
Waltham, MA 02453-2710  
Phone: 781-891-6270  
Email: arcmass@arcmass.org  
**www.arcmass.org**



Greater Waltham ARC  
56 Chestnut Street  
Waltham, MA 02453  
Phone: 781-899-1344  
Email: gwarc@gwarc.org  
**www.gwarc.org**

South Norfolk County Arc  
789 Clapboardtree Street  
Westwood, MA 02090  
Phone: 781-762-4001  
**www.sncarc.org/**

Central Middlesex Arc  
147 New Boston Street  
Woburn, MA 01801  
Phone: 781-935-7057

New Hampshire Chapters: (listed  
alphabetically by town)

Concord Regional Arc, Inc.  
P.O. Box 1173  
Concord, NH 03302-1173  
Phone: 603-228-8279

The Arc of Greater Manchester  
P.O. Box 3363  
Manchester, NH 03105-3363  
Phone: 603-434-2738  
Email: president@arcmanchester.org  
**www.arcmanchester.org**

Salem Arc, Inc.  
8 Centerville Drive  
Salem, NH 03079  
Phone: 603-893-9889

Rhode Island Chapters:  
(listed alphabetically by town)

Bristol County Chapter Arc  
P.O. Box 711  
Bristol, RI 02809  
Phone: 401-253-5900

Arc - Down Syndrome Society of Rhode  
Island  
99 Bald Hill Road  
Cranston, RI 02920  
Phone: 401-463-5751  
Email: coordinator@dssri.org  
**www.dssri.org**

Cranston Arc, Inc.  
111 Comstock Parkway  
Cranston, RI 02921  
Phone: 401-941-1112  
**www.cranstonarc.org**

Rhode Island Arc (RIARC)  
99 Bald Hill Road  
Cranston, RI 02920  
Phone: 401-463-9191  
Email: RhodelslandArc@cs.com

Newport County Arc  
P.O. Box 4390  
Middletown, RI 02842  
Phone: 401-846-4600

Greater Providence Arc  
220 Woonasquatucket Avenue  
North Providence, RI 02911  
Phone: 401-353-7000  
**www.fogartycenter.org**

The Arc of Blackstone Valley  
115 Manton Street  
Pawtucket, RI 02861  
Phone: 401-727-0150  
Email: contact@bvcriarc.org  
**www.bvcriarc.org**

The Arc South County Chapter  
238 Robinson Street  
Wakefield, RI 02879  
Phone: 401-789-4386

Kent County Arc  
3445 Post Road  
Warwick, RI 02886  
Phone: 401-739-2700  
**www.kentcountyarc.org**

Westerly - Chariho Chapter  
Frank A. Olean Center  
93 Airport Road  
Westerly, RI 02891  
Phone: 401-596-2091

The Arc of Northern Rhode Island  
320 Main Street  
Woonsocket, RI 02895  
Phone: 401-765-3700  
Email: info@arcofnri.org  
**www.arcofnri.org**

### **American Association on Mental Retardation**

444 North Capitol Street NW  
Suite 846  
Washington, DC 20001  
Phone: 800-424-3688 or 202-387-1968  
Fax: 202-387-2193  
Email: dcroser@aamr.org  
**www.aamr.org**

Connecticut Contact:  
David B. Scott  
Email: dscott@ccaoh.org

Maine Contact:  
Scott Jones  
Email: sjones@ohimaine.org

Massachusetts Contact:  
Jean M. Phelps  
Email: jphelps@shorecollaborative.org

New Hampshire Contact:  
Deborah G. Larochelle  
Email: Debglrri@aol.com

Rhode Island Contact:  
Donna Martin  
Email: dmartin@osarr.net

Vermont Contact:  
Diane Blais  
Email: dblais@nkhs.net

## **MITOCHONDRIAL DISORDERS**

### **United Mitochondrial Disease Foundation**

8085 Saltsburg Road  
Suite 201  
Pittsburgh, PA 15239  
Phone: 412-793-8077  
Fax: 412-793-6477  
Email: info@umdf.org  
**www.umdf.org**

New England Chapter of UMDf  
39 Bay Farm Drive  
Plymouth, MA 02360  
Phone: 508-224-7165  
Email: NEngChapter@umdf.org

### **Mitochondria Research Society**

P.O. Box 1952  
Buffalo, NY 14221  
Phone: see web site for individual contacts.  
Email: mitoresearch@mitoresearch.org  
**www.mitoresearch.org**

#### ADDITIONAL WEB RESOURCES:

### **Mitochondrial Disease in Perspective: Symptoms, Diagnosis and Hope for the Future**

**www.mitoresearch.org/  
treatmentdisease.html**

Online lecture covering symptoms, diagnosis, management, research and potential treatments.

#### ADDITIONAL LITERATURE:

### **Mitochondrial Disease: Models and Methods**

**by Lestienne, P.  
Springer-Verlag, 1999**

Covers molecular aspects of mitochondrial disorders, diagnosis and mutations; discusses role of mitochondria in apoptosis and aging.

## **MOEBIUS SYNDROME**

### **Moebius Syndrome Foundation**

P.O. Box 147  
Pilot Grove, MO 65276  
Phone: 660-834-3406  
Fax: 660-834-3407  
Email: vmccarrell@mid-mo.net or  
Moebius@ciaccess.com  
**www.moebiusyndrome.com**

#### ADDITIONAL WEB RESOURCES:

**Moebius Syndrome  
www.moebius1.org**

Information, resource links and support.

ADDITIONAL LITERATURE:

**My Face**

**by Abbott, M. and Abbott, B.  
Forward Face, 1998**

Children's book written by the mother of an affected child.

**MUCOPOLYSACCHARIDOSIS**

**National MPS Society, Inc.**

P. O. Box 736  
Bangor, ME 04402  
Phone: 207-947-1445  
Fax: 207-990-3074  
Email: info@mpsociety.org  
**www.mpsociety.org**

**MULTIPLE SCLEROSIS**

**National Multiple Sclerosis Society**

733 3rd Avenue  
New York, NY 10017  
Phone: 800-344-4867 or 212-986-3240  
Fax: 212-986-7981  
Email: generalmailbox@nmss.org  
**www.nationalmssociety.org**

Connecticut Chapters:

Greater Connecticut Chapter  
705 North Mountain Road  
Newington, CT 06111  
Phone: 860-953-0601  
Email: lgerrol@ctnmss.org  
**www.ctnmss.org**

Western Connecticut Chapter

1 Selleck Street  
Suite 500  
Norwalk, CT 06855  
Phone: 203-838-1033  
Email: info@msswct.org  
**www.msswct.org**

Maine Chapter:

170 US Route One, Suite 200  
Falmouth, ME 04105  
Phone: 1-800-FIGHT MS  
Email: info@msmaine.org  
**www.msmaine.org**

Central New England (Massachusetts and New Hampshire)

101A First Avenue, Suite 6  
Waltham, MA 02451-1115  
Phone: 800-493-9255 or 781-890-4990  
Email: communications@mam.nmss.org  
**www.msnewengland.org**



Rhode Island Chapter:  
205 Hallene Road, Suite 209  
Warwick, RI 02886  
Phone: 1-800-FIGHT-MS or 401-738-8383  
Email: emily.murphy@rir.nmss.org  
**www.nationalmssociety.org/rir**

Vermont Chapter:  
75 Talcott Road  
Williston, VT 05495  
Phone: 1-800-344-4867 or 802-862-0912  
Email: vtn@nmss.org  
**www.nationalmssociety.org/vtn**

**Multiple Sclerosis Association of America**

706 Haddonfield Road  
Cherry Hill, NJ 08002  
Phone: 800-532-7667  
Fax: 856-661-9797  
Email: webmaster@msaa.com  
**www.msaa.com**

Rhode Island Contact:

Brenda Berube  
West Warwick, RI  
Phone: 401-823-0216

ADDITIONAL WEB RESOURCES:

**All About Multiple Sclerosis**  
**www.mult-sclerosis.org**

Accurate and comprehensive medical data about multiple sclerosis written by people living with the disease. Includes archives of stories and personal accounts.

ADDITIONAL LITERATURE:

**Multiple Sclerosis Q & A: Reassuring Answers to Frequently Asked Questions**  
**by Hill, B.A. and Wojcieszek, J.**  
**Avery Publishing Group, 2003**

This insightful, informative, and empathic resource discusses traditional and complementary therapies, explains medical terminology and diagnosis, and addresses lifestyle issues.

## MUSCULAR DYSTROPHY

**Muscular Dystrophy Association**

3300 East Sunrise Drive  
Tucson, AZ 85718  
Phone: 800-572-1717 or 520-529-2000  
Fax: 520-529-5300  
Email: mda@mdausa.org  
**www.mdausa.org**

Connecticut contact:  
Phone: 860-633-4466

Maine/New Hampshire contact:  
Phone: 207-854-3749

Massachusetts contact:  
Phone: 781-575-1881

Rhode Island contact:  
Phone: 401-732-1910

Vermont contact (in Albany, NY):  
Phone: 518-489-5495

**Muscular Dystrophy Family Foundation**

3951 North Meridian Street, Suite 100  
Indianapolis, IN 46208  
Phone: 800-544-1213 or 317-923-6333  
Fax: 317-923-6334  
Email: mdff@mdff.org  
**www.mdff.org**

ADDITIONAL WEB RESOURCES:

**Parent Project Muscular Dystrophy**  
**www.parentprojectmd.org**

Founded by parents of children with Duchenne and Becker muscular dystrophies, this group funds research and disseminates information on research, supports an international conference, and provide a newsletter. Site includes links to information, resources, breaking news, and treatments, and addresses emotional issues.

ADDITIONAL LITERATURE:

**Muscular Dystrophy in Children: A Guide for Families**  
**by Siegel, I.M.**  
**Demos Medical Publishing, 1999**

A text for families, including information on symptoms, medical treatments, psychosocial issues, probable disease course and therapies.

**Muscular Dystrophy: The Facts**  
**by Emery, A.E.H.**  
**Oxford University Press, 2nd Edition, 2000**

Easy to understand book explains the complexities of muscular dystrophy, including daily life issues.

**Moonrise: One Family, Genetic Identity, and Muscular Dystrophy**  
**by Wolfson, P.**  
**St. Martin's Press, 2004**

Personal account, written by the mother of a son with Duchenne muscular dystrophy. Explores special education, prenatal diagnosis, and genetics. Used or in libraries.

## NEUROFIBROMATOSIS

**The Children's Tumor Foundation**

95 Pine Street, 16th floor  
New York, NY 10005  
Phone: 800-323-7938 or 212-344-6633  
Fax: 212-747-0004  
Email: info@ctf.org  
**www.ctf.org**

Northern New England Chapter (serves CT, ME, MA, NH, RI, VT)  
75 McNeil Way  
Suite 201  
Dedham, MA 02026  
Phone: 888-585-5316 or 508-879-5638  
Fax: 781-326-4940  
Email: mbraden@ctf.org

**Neurofibromatosis, Inc.**

P.O. Box 18246  
Minneapolis, MN 55148  
Phone: 800-942-6825 or 301-918-4600  
Email: nfinfo@nfinc.org  
**www.nfinc.org**

NF Inc. New England  
9 Bedford Street  
Burlington, MA 01803  
Phone: 781-272-9936  
Email: info@nfincne.org  
**www.nfincne.org**

ADDITIONAL WEB RESOURCES:

**Neurofibromatosis Resources**

**www.neurosurgery.mgh.harvard.edu/NFR**

Listing of neurofibromatosis information on the web, including general information, genetics, support, news groups, home-pages, and information for children and adolescents.

ADDITIONAL LITERATURE:

**Living with A Genetic Disorder: The Impact of Neurofibromatosis I**

**by Ablon, J.  
Auburn House, 1999**

A chronicle of the life experiences of adults with Neurofibromatosis I.

**Neurofibromatosis Type I:  
From Genotype to Phenotype  
by Upadhyaya, M. and Cooper, D.N.  
Academic Press, 1998**

Medical reference text written for students and professionals. Includes: Clinical aspects; gene structure, expression, and mutation; animal models; and disease treatment and prevention.

## NIEMANN-PICK DISEASE

**National Niemann-Pick Disease Foundation, Inc.**

P.O. Box 49  
401 Madison Avenue, Suite B  
Fort Atkinson, WI 53538  
Phone: 877-287-3672 or 920-563-0930  
Fax: 920-563-0931  
Email: nnpdf@idcnet.com  
**www.nnpdf.org**

ADDITIONAL WEB RESOURCES:

**International Center for Types A and B Niemann-Pick Diseases  
Mt. Sinai School of Medicine  
www.mssm.edu/niemann-pick/**

Includes information on the disease, its natural history, genetics.

ADDITIONAL LITERATURE:

**The Official Parent's Sourcebook on Niemann-Pick Disease: A Revised and Updated Directory for the Internet Age  
by Parker, J.N. and Parker, P.M., (eds)  
Icon Health, 2002**

Guide to looking for information online, finding a doctor, and locating the latest research.

## ORGANIC ACIDEMIAS

**Organic Acidemia Association**

13210 35th Avenue North  
Plymouth, MN 55441  
Phone: 763-559-1797  
Fax: 763-694-0017  
Email: oaanews@aol.com  
**www.oaanews.org**

## OSTEOGENESIS IMPERFECTA

**Osteogenesis Imperfecta Foundation, Inc.**

804 West Diamond Avenue Suite 210  
Gaithersburg, MD 20878  
Phone: 800-981-2663 or 301-947-0083  
Fax: 301-947-0456  
Email: bonelink@oif.org  
**www.oif.org**

Massachusetts contact:  
Cheryl & Richard Manduca  
Phone: 781-545-2521

### **Children s Brittle Bone Foundation**

7701 95th Street  
Pleasant Prairie, WI 53158  
Phone: 866-694-2223  
Fax: 262-947-0724  
Email: info@cbbf.org  
**www.cbbf.org**

#### ADDITIONAL WEB RESOURCES:

### **The Bones Page**

**www.geocities.com/dr\_plotkin**

Basic information & links to other resources.

## **PARKINSON S DISEASE**

### **American Parkinson Disease Association**

135 Parkinson Avenue  
Staten Island, NY 10305  
Phone: 800-223-2732 or 718-981-8001  
Fax: 718-981-4399  
Email: apda@apdaparkinson.org  
**www.apdaparkinson.org**

Connecticut Chapter:  
27 Allendale Drive  
North Haven, CT 06473  
Phone: 888-400-2732 or 203-789-3936  
Fax: 203-288-0546  
Email: gladkt@hotmail.com  
**www.ctapda.com**

See Connecticut web site for >15 local contacts.

Maine Chapter:  
17 Blueberry Lane, Cottage 21  
Falmouth, ME 04105  
Carl Barker, President  
Phone: 207-781-3070  
Email: cnbarker@maine.rr.com

Massachusetts Chapter:  
715 Albany Street, C329  
Boston, MA 02118  
Keith Ciccone, President  
Phone: 800-651-8466 or 617-638-8466  
Fax: 617-638-5354

Email: information@apdama.org  
Alt. Email: Keith.ciccone@bmc.org  
**www.apdama.org**  
See Massachusetts site for > 15 local contacts.

New Hampshire Chapter:  
P.O. Box 6212  
Nashua, NH 03063  
George McHugh, President  
Phone: 603-305-0398 or 603-459-8040  
Email: gmchugh@comcast.net

Rhode Island Chapter:  
P.O. Box 41659  
Providence, RI 02940-1659  
Athol Cochrane, President  
Phone: 401-823-5700  
Email: RichapAPDA@aol.com  
**www.parkinsonsdisease-rhodeisland.org**

Vermont Chapter:  
Fletcher Allen Health Care  
1 South Prospect Street  
Burlington, VT 05401  
Phone: 802-847-3366 or 888-763-3366  
Email: Parkinsonsvt@surfglobal.net  
**www.parkinsonsvt.org**  
See Vermont web site for > 15 local contacts.

### **Parkinson s Disease Foundation, Inc.**

1359 Broadway, Suite 1509  
New York, NY 10018  
Phone: 800-457-6676 or 212-923-4700  
Fax: 212-923-4778  
Email: info@pdf.org  
**www.pdf.org**

#### ADDITIONAL WEB RESOURCES:

### **Parkinson s Information** **www.parkinsonsinfo.com**

Information about Parkinson's disease, a directory of resources, and frequently asked questions.

### **Michael J. Fox Foundation** **www.michaeljfox.org**

Dedicated to ensuring the development of a cure for Parkinson's disease within this decade.

ADDITIONAL LITERATURE:

**300 Tips for Making Life with Parkinson's Disease Better**  
by Schwarz, S.P.  
Demos Medical Publishing, 2002

Tips, techniques, and shortcuts learned from personal experience, arranged in categories of daily activities. Available used and in libraries.

**Parkinson's Disease: A Guide for Patient and Family**  
by Duvoisin, R.C. and Sage, J.  
Lippincott, Williams & Wilkins, 5th Edition, 2001

In depth information on diagnosis, medications, management, and genetics.

## PHENYLKETONURIA

**Children's PKU Network**  
3970 Via de la Valle  
Suite 120 E  
Del Mar, CA 92014  
Phone: 858-509-0767  
Fax: 858-509-0768  
Email: pkunetwork@aol.com  
[www.pkunetwork.org](http://www.pkunetwork.org)

ADDITIONAL WEB RESOURCES:

**National PKU News**  
[www.pkunews.org](http://www.pkunews.org)

News and information about PKU including: personal stories, information for students writing papers, support information, and information on relevant legislation and policies.

**Low Protein Recipes**  
[www.lowprotein.com](http://www.lowprotein.com)

Delicious low protein recipes created by a mother of a child with homocystinuria.

**National Coalition for PKU and Allied Disorders**  
[www.pku-allieddisorders.org](http://www.pku-allieddisorders.org)

Organization composed of individuals, metabolic support groups and professionals seeking to improve the identification,

treatment, and management of PKU and allied disorders.

ADDITIONAL LITERATURE:

**Low Protein Cookery for Phenylketonuria**  
by Schuett, V.E.  
University of Wisconsin Press, 3rd Edition, 1997

Provides recipes for American style cooking, instructions for calculating nutrient content, and tips on handling special circumstances such as kid's parties.

## PORPHYRIA

**American Porphyria Foundation**  
4900 Woodway  
Suite 780  
Houston, TX 77056  
Phone: 713-266-9617  
Fax: 713-840-9552  
Email: porphyrus@aol.com  
[www.porphyrifoundation.com](http://www.porphyrifoundation.com)

## PRADER-WILLI SYNDROME

**Prader-Willi Syndrome Association**  
5700 Midnight Pass Road, Suite 6  
Sarasota, FL 34242  
Phone: 800-926-4797 or 941-312-0400  
Fax: 941-312-0142  
Email: national@pwsausa.org  
[www.pwsausa.org](http://www.pwsausa.org)

In Connecticut:  
Prader-Willi Syndrome Association  
Connecticut Chapter, Inc.  
35 Ansonia Drive  
North Haven, CT 06473  
Phone: 203-239-9902  
Email: pwsactchapter@yahoo.com

Prader-Willi Association of New England  
New England Region (ME, MA, RI, NH, VT)  
Sherie Bombardier  
2 Ernest Street  
Webster, MA 01570  
Phone: 508-943-1400

ADDITIONAL WEB RESOURCES:

**Uniparental Disomy: Prader-Willi Syndrome, Angelman Syndrome**  
[www.lpch.org/DiseaseHealthInfo/HealthLibrary/genetics/uniparen.html](http://www.lpch.org/DiseaseHealthInfo/HealthLibrary/genetics/uniparen.html)

Brief overview provided by the Lucile Packard Children's Hospital at Stanford.

ADDITIONAL LITERATURE:

**Prader-Willi Syndrome: Development and Manifestations by Whittington, J. and Holland, T. Cambridge University Press, 2004**

Based on the largest cohort of studies on Prader Willi syndrome, this book provides information on the condition and its management including medical, nutritional, psychological, educational, social, and therapeutic issues.

## **PRUNE BELLY SYNDROME**

**Prune Belly Syndrome Network, Inc.**  
P.O. Box 154  
Beloit, WI 53512  
Email: [postmaster@prunebelly.org](mailto:postmaster@prunebelly.org)  
[www.prunebelly.org](http://www.prunebelly.org)

## **PSEUDOXANTHOMA ELASTICUM**

**National Association for Pseudoxanthoma Elasticum, Inc.**  
8764 Manchester Road  
Suite 200  
St. Louis, MO 63144  
Phone: 314-962-0100  
Fax: 314-962-0100  
Email: [NAPEStLouis@sbcglobal.net](mailto:NAPEStLouis@sbcglobal.net)  
[www.pxenape.org](http://www.pxenape.org)

**PXE, International**  
4301 Connecticut Avenue NW, Suite 404  
Washington, DC 20008  
Phone: 202-362-9599  
Fax: 202-966-8553  
Email: [info@pxe.org](mailto:info@pxe.org)  
[www.pxe.org](http://www.pxe.org)

PXE New England Regional Office  
Gordon & Wendy Wood Hubbard  
73 Marnoch Drive  
Seekonk, MA 02771  
Phone: 508-336-7461  
Email: [PXENewEng@aol.com](mailto:PXENewEng@aol.com)

## **RARE CONDITIONS**

**Rare Kids, Inc.**  
PO Box 69  
East Walpole, MA 02320  
Phone: 508-668-2850  
Email: [labruno33@comcast.net](mailto:labruno33@comcast.net)  
[www.Rarekids.org](http://www.Rarekids.org)

Nonprofit organization established to support children afflicted with rare diseases. Rare Kids has also supported many charitable organizations which provide support and research for those afflicted with rare diseases including Families of SMA, The A-T Children's Project, Foundation for Ichthyosis and more.

## **RETINITIS PIGMENTOSA**

**Retinitis Pigmentosa International**  
P.O. Box 900  
Woodland Hills, CA 91365  
Phone: 818-992-0500  
Fax: 818-992-3265  
Email: [info@rpinternational.org](mailto:info@rpinternational.org)  
[www.rpinternational.org](http://www.rpinternational.org)

**Foundation Fighting Blindness**  
11435 Cronhill Drive  
Owings Mills, MD 21117  
Phone: 888-394-3937 or 410-568-0150  
Fax: 410-363-2393  
Email: [info@blindness.org](mailto:info@blindness.org)  
[www.blindness.org](http://www.blindness.org)

Massachusetts - Chapter:  
Lynn E. Donnelly, President  
232 Winchester Street # 2  
Brookline, MA 02446-2767  
Phone: 617-739-3169  
Email: [Lynn\\_Donnelly@gillette.com](mailto:Lynn_Donnelly@gillette.com)

Massachusetts – Support Group:  
Contact: Tina Kurys  
Email: [vzeeiz32@verizon.net](mailto:vzeeiz32@verizon.net)

**American Council of the Blind, Inc.**  
1155 15th Street, NW, Suite 1004  
Washington, DC 20005  
Phone: 800-424-8666 or 202-467-5081  
Fax: 202-467-5085  
Email: info@acb.org  
**www.acb.org**

Connecticut Council of the Blind:  
Alice Jackson  
191 Centrebrook Road  
Hamden, CT 06518  
Email: ajackson212@comcast.net  
**members.tripod.com/~dmclean/ccb.html**

Maine Chapter:  
Mel Clarrage, President  
221 Longfellow Street, Unit 2  
Westbrook, ME 04092  
Email: mclarrage1@maine.rr.com

Bay State Council of the Blind  
Jerry Berrier, President  
108 Bumble Bee Circle  
Shrewsbury, MA 01545  
Email: jerry.berrier@townisp.com  
**www.acb.org/baystate/**

Vermont Council of the Blind:  
Harriet G. Hall, President  
95 Pine Grove Cemetery Road  
Newport, VT 05855  
Email: greenharriet@yahoo.com

**American Foundation for the Blind**  
11 Penn Plaza, Suite 300  
New York, NY 10001  
Phone: 800-232-5463 or 212-502-7600  
Fax: 212-502-7777  
Email: afbinfo@afb.net  
**www.afb.org**

ADDITIONAL WEB RESOURCES:

**Visionchannel**

**www.visionchannel.net/retinitis**

Includes overview of retinitis pigmentosa including symptoms, risk factors, treatment, and diagnosis.

ADDITIONAL LITERATURE:

**Ordinary Daylight: Portrait of an Artist Going Blind**  
**by Potok, A.**  
**Bantam, 2003**

Story of a gifted painter with retinitis pigmentosa who loses his sight. Depressed and angry, he ultimately discovers it is not the end of the world; it is the beginning.

**Amazing Grace: Autobiography of a Survivor**  
**by Halloran, G.**  
**North Star Publications, 1993**

Personal account of a blind mother and her son, her unconventional therapies, challenges and triumphs.

## **RETT SYNDROME**

### **International Rett Syndrome Association**

9121 Piscataway Road, 2B  
Clinton, MD 20735  
Phone: 800-818-7388 or 301-856-3334  
Fax: 301-856-3336  
Email: irsa@rettsyndrome.org  
**www.rettsyndrome.org**

### **Rett Syndrome Research Foundation**

4600 Devitt Drive  
Cincinnati, OH 45246  
Phone: 513-874-3020  
Fax: 513-874-2520  
Email: mgriffin@rsrf.org  
**www.rsrf.org**

Connecticut contact:  
Monica Coenraads  
67 Under Cliff Road  
Trumbull, CT 06611  
Phone: 203-445-9233  
Email: monica@rsrf.org

ADDITIONAL WEB RESOURCES:

**The DRM WebWatcher: Rett syndrome**  
**www.disabilityresources.org/RETT.html**

Links to sites pertaining to Rett syndrome.

ADDITIONAL LITERATURE:

**Grief Dancers: A Journey into the Depths of the Soul**  
**by Zimmerman, S.**  
**Nemo Press, 1996**

Mother's story of raising a daughter with Rett Syndrome.

## **SCLERODERMA**

### **Scleroderma Foundation**

300 Rosewood Drive  
Suite 105  
Danvers, MA 01923  
Phone: 800-722-4673 or 978-463-5843  
Fax: 978-463-5809  
Email: [sfinfo@scleroderma.org](mailto:sfinfo@scleroderma.org)  
**[www.scleroderma.org](http://www.scleroderma.org)**

Connecticut Chapter:  
Tri-State Chapter (Connecticut, Northern New Jersey, South Central and Eastern New York)  
59 Front Street  
Binghamton, NY 13905  
Phone: 800-867-0885 or 607-723-2239  
FAX: 607-723-2039  
Email: [sdtrristate@aol.com](mailto:sdtrristate@aol.com)  
**[www.scleroderma.org/chapter/tristate/](http://www.scleroderma.org/chapter/tristate/)**

New England Chapter (includes MA, ME, NH, VT, RI):  
462 Boston Street, Suite 1-1  
Topsfield, MA 01983  
Tom Curran, Executive Director  
Phone: 978-887-0658 or 888-525-0658  
Email: [tcurran@sfnewengland.org](mailto:tcurran@sfnewengland.org)  
**[www.scleroderma.org/chapter/newengland/](http://www.scleroderma.org/chapter/newengland/)**

### **Scleroderma Research Foundation**

220 Montgomery Street  
Suite 1411  
San Francisco, CA 94104  
Phone: 800-441-2873 or 415-834-9444  
Fax: 415-834-9177  
Email: [info@sclerodermaresearch.org](mailto:info@sclerodermaresearch.org)  
**[www.srfcure.org/srf/home.htm](http://www.srfcure.org/srf/home.htm)**

ADDITIONAL WEB RESOURCES:

**Scleroderma From A to Z**  
**[www.sclero.org](http://www.sclero.org)**

Resource available in multiple languages with links to medical information, support groups, personal accounts, books, message boards, and news.

ADDITIONAL LITERATURE:

**The Scleroderma Book: A Guide for Patients and Families**  
**by Mayes, M.D.**  
**Oxford University Press, 1999**

Practical information provided by a leading expert in the field.

**Scleroderma: A New Role for Patients and Families**  
**by Brown, M.**  
**Scleroderma Press, 2nd Edition, 2002**

Written from the perspective of a patient and family, this is a useful resource for both medical and non-medical issues.

## **SICKLE CELL ANEMIA**

### **Sickle Cell Disease Association of America**

165 South Calvert Street, Suite 600  
Baltimore, MD 21202  
Phone: 800-421-8453 or 410-528-1555  
Fax: 410-528-1495  
Email: [scdaa@sicklecelldisease.org](mailto:scdaa@sicklecelldisease.org)  
**[www.sicklecelldisease.org](http://www.sicklecelldisease.org)**

Connecticut Chapters:  
Southern Regional  
Sickle Cell Association, Inc.  
177 State Street, 3rd floor  
Bridgeport, CT 06604  
Phone: 888-745-2327 or 203-366-8710  
Fax: 203-368-9071  
Email: [srsca2@aol.com](mailto:srsca2@aol.com)

SCDAA- Connecticut Chapter  
The Urban League Building  
140 Woodland St., Suite 102  
Hartford, CT 06511  
Phone: 800-379-0119 or 860-527-0147 x145  
Email: [scdaa@iconn.net](mailto:scdaa@iconn.net)  
**[www.sicklecellct.org](http://www.sicklecellct.org)**

Satellite Offices:  
226 Dixwell Avenue, 2nd Floor  
New Haven, CT 06511  
Phone: 203-498-4051  
Fax: 203-498-4054  
Email: scdaanh@iconn.net

Citizens for Quality Sickle Cell Care  
P.O. Box 702  
100 Arch Street  
New Britain, CT 06050  
Phone: 860-223-7222  
Email: info@cqsc.org  
**www.CQSCC.org**

Massachusetts Chapter:  
Community Sickle Cell Support Group, Inc.  
1542 Tremont St.  
Roxbury, MA 02120  
Phone: 617-427-4100  
Fax: 617-262-3190  
Email: cscsginc@aol.com  
**www.cscsginc.org**

ADDITIONAL WEB RESOURCES:

**Sickle Cell Information Center,  
Atlanta, GA**  
**www.scinfo.org**

Provides both the patient and the professional with information on news, research updates, and world wide sickle cell resources.

**Information Center for Thalassemia  
and Sickle Cell Disease**  
**www.sickle.bwh.harvard.edu**

Source of current information on sickle cell, thalassemia, and disorders of iron metabolism. Includes overviews of basic and clinical research, disease management, and new developments in the field.

## **SJOGREN S SYNDROME**

**Sjogren s Syndrome Foundation**  
8120 Woodmont Avenue  
Suite 530  
Bethesda, MD 20814  
Phone: 800-475-6473 or 301-718-0300  
Fax: 301-718-0322  
Email: cwilt@sjogrens.org  
**www.sjogrens.org**

In Connecticut:  
State support leader; Isabel Lopez  
Norwalk, CT  
Phone: 203-846-1031

In Massachusetts:  
Greater Boston Support Group Leader;  
Lynn Epstein, MD  
Phone: 617-636-3932 (through Dr. Athena Papas' office)

ADDITIONAL WEB RESOURCES:

**SjS World**  
**www.sjsworld.org**

Online community that offers patients and families a place to meet and share experiences, books, and, medical information. Includes and email groups and chat rooms.

ADDITIONAL LITERATURE:

**The New Sjogren Syndrome  
Handbook**  
**by Wallace, D.J., Bromet, E.J., and  
the Sjogren Syndrome Foundation**  
**Oxford University Press, 2005**

A comprehensive and authoritative guide that has been extensively revised from their original edition. Designed for people with Sjogren syndrome and for physicians, it provides readers with the best medical and practical information available on this disorder. Includes information on symptoms, diagnosis, and treatment options and offers tips for daily living.

**A Body Out of Balance: Understanding  
and Treating Sjogren Syndrome**  
**by Frenes, R., Carteron, N. and Grayzel, A.**  
**Avery Publishing Group, 2003**

A comprehensive guide that covers all aspects of living with Sjogren syndrome.

**The Sjogren Syndrome Survival Guide**  
**by Rumpf, T.P. and Hammitt, K.M.**  
**New Harbinger Publications, 2003**

Detailed information on how to cope with this condition.

## SMITH-LEMLI-OPITZ SYNDROME

### Smith-Lemli-Opitz/RSH Syndrome Foundation

P.O. Box 212  
Georgetown, MA 01833  
Phone: 978-352-5885  
Contact: Cynthia Gold  
Email: [cgold@smithlempiopitz.org](mailto:cgold@smithlempiopitz.org) or  
[info@smithlempiopitz.org](mailto:info@smithlempiopitz.org)  
[www.smithlempiopitz.org](http://www.smithlempiopitz.org)

## SOTOS SYNDROME

### Sotos Syndrome Support Association

P.O. Box 4626  
Wheaton, IL 60189  
Phone: 888-246-7772  
Email: [ssa@well.com](mailto:ssa@well.com)  
[www.well.com/user/ssa](http://www.well.com/user/ssa)  
Email support groups available.

#### ADDITIONAL LITERATURE:

### **Sotos Syndrome: A Handbook for Families by Anderson, R.R. and Buehler, B.A. Sotos Syndrome Support Association**

Includes description of the condition, medical and developmental evaluations, and glossary. Order through the Sotos Syndrome Support Association.

## SPINA BIFIDA

### Spina Bifida Association of America

4950 MacArthur Boulevard NW, Suite 250  
Washington, DC 20007  
Phone: 800-621-3141 or 202-944-3285  
Fax: 202-944-3295  
Email: [sbaa@sbaa.org](mailto:sbaa@sbaa.org)  
[www.sbaa.org](http://www.sbaa.org)

Spina Bifida Association of Connecticut  
P.O. Box 2545  
Hartford, CT 06146  
Phone: 800-574-6274 or 860-653-1976  
Fax: 860-345-2600  
Email: [sbac@sbac.org](mailto:sbac@sbac.org)  
[www.sbac.org](http://www.sbac.org)

Massachusetts Spina Bifida Association  
733 Turnpike Street, #282  
North Andover, MA 01845  
Phone: 888-479-1900 or 617-742-2574  
Fax: 978-649-8725  
Email: [packard44@comcast.net](mailto:packard44@comcast.net)  
[www.msbaweb.org](http://www.msbaweb.org)

#### ADDITIONAL WEB RESOURCES:

### **Children with Spina Bifida: A Resource Page for Parents** [www.waisman.wisc.edu/~rowley/sb-kids/sb-awareness.html](http://www.waisman.wisc.edu/~rowley/sb-kids/sb-awareness.html)

Links to spina bifida organizations, articles, web sites, online discussion group. Information about related diagnoses, learning issues, family support, tests, surgeries and treatments, prenatal diagnosis and fetal surgery, and genetics.

#### ADDITIONAL LITERATURE:

### **Views from Our Shoes: Growing Up with a Brother or Sister with Special Needs** by Meyer, D.J. and Pillo, C. Woodbine House, 1997

About using a wheelchair. Recommended by a girl with spina bifida.

### **Children With Spina Bifida: A Parent's Guide** by Lutkenhoff, M. Woodbine House, 1999

Provides parents with information, guidance and support to help meet their child's often intensive needs from birth through childhood.

### **Spinabilities: A Young Person's Guide to Spina Bifida** by Lutkenhoff, M. and Oppenheimer, S.G. Woodbine House, 1997

This book helps young people who have spina bifida attain as much control over their own care and achieve as much independence as possible.

## TAY-SACHS DISEASE

### National Tay-Sachs and Allied Diseases Association

2001 Beacon Street, Suite 204  
Brighton, MA 02135  
Phone: 800-906-8723  
Fax: 617-277-0134  
Email: info@ntsad.org  
[www.ntsad.org](http://www.ntsad.org)

In Connecticut  
(Serving CT, NJ and NY)  
1202 Lexington Avenue #288  
New York, NY 10028  
Phone: 888-354-7788 or 212-431-0431  
Fax: 888-354-4884  
Email: info@ntsad-ny.org  
[www.ntsad-ny.org](http://www.ntsad-ny.org)

#### ADDITIONAL WEB RESOURCES:

### Center for Jewish Diseases Mt. Sinai School of Medicine [www.mssm.edu/jewish\\_genetics](http://www.mssm.edu/jewish_genetics)

Follow links to Tay-Sachs Disease. Includes disease description and information about natural history, genetics and testing.

#### ADDITIONAL LITERATURE:

### Tay-Sachs Disease by Desnick, R.J. and Kaback, M.M. Academic Press, 2001

Medical reference text written and edited by recognized leaders in the field.

## THALASSEMIA

**Cooley's Anemia Foundation, Inc.**  
129-09 26th Avenue  
Suite 203  
Flushing, NY 11354  
Phone: 800-522-7222 or 718-321-2873  
Fax: 718-321-3340  
Email: info@cooleysanemia.org  
[www.cooleysanemia.org](http://www.cooleysanemia.org)

Connecticut Contact:  
Peter Chieco  
Phone: 914-232-1808  
Email: anemia@optonline.net

Massachusetts Contact:  
Rudi Viscomi  
Phone: 617-332-5952

#### ADDITIONAL WEB RESOURCES:

### Information Center for Thalassemia and Sickle Cell Disease [www.sickle.bwh.harvard.edu](http://www.sickle.bwh.harvard.edu)

Source of current information on sickle cell, thalassemia, and disorders of iron metabolism. Includes overviews of basic and clinical research, disease management, and new developments in the field.

### Northern California Comprehensive Thalassemia Center [www.thalassemia.com](http://www.thalassemia.com)

Information for patients, families, health professionals and interested community members to improve the quality of life and survival of thalassemia patients.

#### ADDITIONAL LITERATURE:

### The Thalassemia Syndromes by Weatherall, D.J. and Clegg, J.B, Blackwell Publishers, 4th Edition, 2001

New edition that summarizes the evidence suggesting that the clinical picture of this disorder may result from several different inherited defects of globin synthesis. Includes historical background on the field.

## TOURETTE SYNDROME

**Tourette Syndrome Association, Inc.**  
42-40 Bell Boulevard  
Bayside, NY 11361  
Phone: 800-237-0717 or 718-224-2999  
Fax: 718-279-9596  
Email: ts@ts-usa.org  
[www.tsa-usa.org](http://www.tsa-usa.org)

Connecticut Chapter:  
Phone: 203-912-7310  
Email: ts@tsact.org

Maine and New Hampshire Chapter:  
Phone: 877-368-9800  
Email [tourette@thezac.com](mailto:tourette@thezac.com)  
[www.thezac.com/tourette](http://www.thezac.com/tourette)

Massachusetts Chapter:  
Phone: 617-277-7589  
Email [Swiftcape@aol.com](mailto:Swiftcape@aol.com)  
[www.tsamass.org](http://www.tsamass.org)

Rhode Island Chapter:  
Phone: 401-301-9980  
Email: [tsri@ride.ri.net](mailto:tsri@ride.ri.net)  
[www.ri.net/tsari](http://www.ri.net/tsari)

For Vermont info. contact National TSA.

ADDITIONAL WEB RESOURCES:

**Tourette-Syndrome.com**  
[www.tourette-syndrome.com](http://www.tourette-syndrome.com)

Comprehensive online community devoted to children and adults with Tourette syndrome.

ADDITIONAL LITERATURE:

**Tourette Syndrome:  
Finding Answers and Getting Help  
by Waltz, M.  
Patient Center Guides, 2001**

A support guide offering help to families living and dealing with Tourette syndrome.

**Icy Sparks  
by Rubio, G.H.  
Penguin Books, 2001**

This book is about a young girl who has Tourette, but doesn't know it. She grows up in the back hills of Kentucky, and no one knows what to make of her.

## TREACHER COLLINS SYNDROME

**Treacher Collins Connection**  
P.O. Box 156  
Boston, MA 02131  
Contact Person: Judy (located in North Carolina)  
Phone: 704-545-1921  
Email: [tom@tcconnection.org](mailto:tom@tcconnection.org) or [judy@tcconnection.org](mailto:judy@tcconnection.org)  
[www.tcconnection.org](http://www.tcconnection.org)

ADDITIONAL WEB RESOURCES:

**Reflections on Treacher Collins  
Syndrome**  
[www.treachercollins.org](http://www.treachercollins.org)

Web site written by a pediatric resident with Treacher Collins syndrome. Includes many resource links.

## TUBEROUS SCLEROSIS

**Tuberous Sclerosis Alliance**  
801 Roeder Road  
Suite 750  
Silver Spring, MD 20910  
Phone: 800-225-6872 or 301-562-9890  
Fax: 301-562-9870  
Email: [info@tsalliance.org](mailto:info@tsalliance.org)  
[www.tsalliance.org](http://www.tsalliance.org)

Contact main office for support contacts in Connecticut, Massachusetts, New Hampshire, and Rhode Island.

ADDITIONAL WEB RESOURCES:

**The Cardiff-Rotterdam Tuberous  
Sclerosis Mutation Database**  
[www.archive.uwcm.ac.uk/uwcm/mg/tsc\\_db](http://www.archive.uwcm.ac.uk/uwcm/mg/tsc_db)

Contains published mutations and polymorphisms in the TSC2 gene.

ADDITIONAL LITERATURE:

**Tuberous Sclerosis Complex: From  
Basic Science to Clinical Phenotypes  
by Curatolo, P., editor  
MacKeith Press, 2003**

Discusses correlation between new genetic and basic science data and the clinical presentation.

## TURNER SYNDROME

**Turner Syndrome Society of the United  
States**  
14450 TC Jester  
Suite 260  
Houston, TX 77014  
Phone: 800-365-9944 or 832-249-9988  
Fax: 832-249-9987  
Email: [tssus@turner-syndrome-us.org](mailto:tssus@turner-syndrome-us.org)  
[www.turner-syndrome-us.org](http://www.turner-syndrome-us.org)

In Connecticut:  
Connecticut Turner Syndrome Society  
Contact Sandra Gittleman  
57 Cianci Drive  
Southington, CT 06489  
Phone: 860-628-8729  
Email: barry1157@aol.com

Massachusetts and Southern New  
England Turner Syndrome Society  
Contact: Beth Wheeler  
1034 Maple Street  
Mansfield, MA 02048  
Phone: 508-339-3022  
Email: Beth\_Wheeler@comcast.net

Northern New England Turner Society  
(serving New Hampshire, Maine and  
Vermont)  
Contact: Lori-Ann Pawlowski  
38 Beaman Street  
Laconia, New Hampshire 03246  
Phone: 603-524-6011  
Email: tssnepa@hotmail.com

Rhode Island Chapter:  
Contact: Debbie Pomerantz  
24 Turner St. Unit 3  
Warwick, Rhode Island 02886  
Phone: 401-732-2136  
Email: deb\_pomerantz@hotmail.com

## UREA CYCLE DISORDERS

**National Urea Cycle Disorders Foundation**  
4841 Hill Street  
La Canada, CA 91011  
Phone: 800-386-8233/818-790-2460  
Fax: 818-952-2184  
Email: info@nucdf.org  
**www.nucdf.org**

ADDITIONAL WEB RESOURCES:

**Urea Cycle Disorders**  
**www.meadjohnson.com/metabolics/  
ureacycle.html**

Detailed overview of the conditions and  
therapies.

## VELO-CARDIO-FACIAL SYNDROME

**Velo-Cardio-Facial Syndrome  
Educational Foundation, Inc.**  
P.O. Box 874  
Milltown, NJ 08850  
Phone: 866-823-7335 or 732-238-8803  
Fax: 315-464-6593  
Email: info@vcfsef.org  
**www.vcfsef.org**  
Contact main office for local chapters.

**Northeast VCFS Support Group**  
Contact Maureen Anderson  
2 Lansing Drive  
Salem, NH 03079  
Phone: 603-898-6332  
Email: mladja@aol.com

## VON HIPPEL-LINDAU SYNDROME

**VHL Family Alliance**  
171 Clinton Road  
Brookline, MA 02445  
Phone: 800-767-4845 or 617-277-5667  
Fax: 858-712-8712  
Email: info@vhl.org  
**www.vhl.org**

In Connecticut:  
Email: northeast@vhl.org

In Maine:  
Email: us-me@vhl.org

In Massachusetts:  
Email: us-ma@vhl.org

In New Hampshire, Rhode Island and  
Vermont:  
Email: usnortheast@vhl.org

## WILLIAMS SYNDROME

**Williams Syndrome Association**  
P.O. Box 297  
Clawson, MI 48017  
Phone: 800-806-1871 or 248-244-229  
Fax: 248-244-2230  
Email: info@williams-syndrome.org  
**www.williams-syndrome.org**

Connecticut contact:  
Holly Weston  
495 Route 87  
Columbia, CT 06237  
Phone: 2860-228-1020  
Email: hweston@williams-syndrome.org

ADDITIONAL WEB RESOURCES:

**The Williams Syndrome  
Comprehensive Web Site**  
**www.wsf.org**

Includes medical and general information on behavioral issues and research.

ADDITIONAL LITERATURE:

**Understanding Williams Syndrome:  
A Guide to Behavioral Patterns and  
Interventions**  
**By Semel, E. and Rosner, S.R.**  
**Lawrence Erlbaum Associates, Inc., 2003**

Includes basic information on the disorder including neurogenetic implications, challenges and interventions.

**Journey from Cognition to Brain to  
Gene: Perspectives from Williams  
Syndrome**  
**by Bellugi, U. and St. George, M.I.**  
**MIT Press, 2001**

Presents the work of a team of scientists linking genes with human behavior.

## WILSON S DISEASE

**Wilson s Disease Association  
International**

1802 Brookside Drive  
Wooster, OH 44691  
Phone: 800-399-0266 or 330-264-1450  
Fax: 509-757-6418  
Email: wda@sssnet.com  
**www.wilsonsdisease.org**

Connecticut contact:  
Lenore and Russell Sillery  
152 Cheese Spring Road  
Wilton, CT 06897  
Phone: 203-762-2372 or 203-961-9993  
Fax: 203-961-9993  
Email: lsillery@sillery.com

ADDITIONAL WEB RESOURCES:

**Wilson s Disease Resources and  
Information**  
**www.acsu.buffalo.edu/~drstall/  
wilsons.html**

Web site written by physician who has Wilson's disease.

**LOW COPPER DIET FOR WILSON S DISEASE**  
**www.gicare.com/pated/edtgs17.htm**

Gastroenterologist's web site with detailed nutritional information for Wilson's disease patients.

ADDITIONAL LITERATURE:

**Wilson s Disease: A Clinician s Guide  
to Recognition, Diagnosis, and  
Management**  
**by Brewer, G.J.**  
**Kluwer Academic Publishers, 2001**

A guide for the physician with information about symptoms, diagnosis and treatment options for patients with Wilson's disease.

**Wilson s Disease for the Patient and  
Family: A Patient s Guide to Wilson s  
Disease and Frequently Asked  
Questions about Copper**  
**by Brewer, G.J.**  
**George J. Brewer, MD through Xlibris  
Publishing Services Provider, 2001**

A guide for individuals with Wilson's disease. Helpful advice about diagnosis, treatment and quality of life issues.



# IV.

## COMMON GENETIC TERMS



**ALLELE:**

Variant forms of the same gene. Different alleles produce variations in inherited characteristics such as eye color or blood type.

**ALLELIC HETEROGENEITY:**

A single disorder, trait, or pattern of traits caused by different mutations within a gene.

**ALLELIC VARIANT:**

An alteration in the normal sequence of a gene, the significance of which may be unclear. Complete gene sequencing often identifies numerous allelic variants (sometimes hundreds) for a given gene.

**AMINO ACID:**

Any of a class of 20 molecules that are combined to form proteins in living things. The sequence of amino acids in a protein, and therefore protein function, is determined by the genetic code.

**ANEUPLOIDY:**

The occurrence of one or more extra or missing chromosomes leading to an unbalanced chromosome complement.

**ANTICIPATION:**

The tendency in certain genetic disorders for individuals in successive generations to present at an earlier age and/or with more severe manifestations; often observed in disorders resulting from the expression of a trinucleotide repeat mutation that tends to increase in size and have a more significant effect when passed from one generation to the next.

**AUTOSOMAL:**

Any of the chromosomes other than the sex-determining chromosomes (X and Y) or the genes on these chromosomes.

**AUTOSOMAL DOMINANT:**

Describes a trait or disorder requiring the presence of only one copy of a gene mutation at a particular locus in

order to express observable phenotype; specifically refers to genes on one of the 22 pairs of non-sex chromosomes.

**AUTOSOMAL RECESSIVE:**

Describes a trait or disorder requiring the presence of two copies of a gene mutation at a particular locus in order to express observable phenotype; specifically refers to genes on one of the 22 pairs of non-sex chromosomes.

**BACKGROUND RISK:**

The proportion of individuals in the general population who are affected with a particular disorder or who carry a certain gene; often discussed in the genetic counseling process as a comparison to the patient's personal risk given his or her family history or other circumstances.

**BAND LEVEL:**

Terminology used in reference to cytogenetic analysis. Refers to the total number of stripes, or bands, elicited on each chromosome with staining techniques. Band level is the total number of bands estimated to be present in a haplotype set (23) of chromosomes. When analysis is performed at an early stage of mitosis (prometaphase), chromosomes appear longer, with approximately 700-1200 bands. At a later stage of mitosis (metaphase), chromosomes are more condensed, with approximately 300-600 bands. At higher band levels, the greater resolution increases the ability to identify more subtle chromosomal abnormalities and their breakpoints.

**BASE PAIR:**

In DNA, two complementary, nitrogen-rich molecules held together by weak chemical bonds. Two strands of DNA are held together in the shape of a double helix by the bonds between their base pairs.

**CARRIER:**

An individual who has a recessive, disease-causing allele at a particular locus on one chromosome of a pair and a normal allele at that locus on the other chromosome. Carriers are usually asymptomatic.

**CARRIER DETECTION OR CARRIER TESTING:**

Testing used to identify usually asymptomatic individuals who have a gene mutation for an autosomal recessive or X-linked recessive disorder.

**CARRIER FREQUENCY:**

The proportion of individuals in a population who have inherited a single copy of a specific recessive gene mutation.

**CELL CYCLE:**

The complete series of events from one cell division to the next.

**CENTROMERE:**

The constricted portion of the chromosome at which the chromatids are joined and to which the spindle attaches during mitosis and meiosis.

**CHROMOSOME:**

Structure found in the nucleus of a cell, which contains the genes. Chromosomes come in pairs, and a normal human cell contains 46 chromosomes (23 pairs).

**CODING REGION:**

Sequence of DNA consisting of a series of nucleotide bases (code) giving rise to the mature messenger RNA that will be translated into the specific amino acids of the protein product.

**CODOMINANCE:**

Situation in which two different alleles for a genetic trait are both expressed.

**CODON:**

In DNA or RNA, a sequence of three nucleotides that codes for a certain

amino acid or signals the termination of translation (stop or termination codon).

**COMPOUND HETEROZYGOTE:**

An individual who has two different abnormal alleles at a particular locus, one on each chromosome of a pair; usually refers to individuals affected with an autosomal recessive disorder.

**CONGENITAL:**

Present from birth, not necessarily genetic.

**CONSULTAND:**

The individual (not necessarily affected) who presents for genetic counseling and through whom a family with an inherited disorder comes to medical attention.

**CROSS OVER (MEIOSIS):**

A specialized cell division in which a single diploid cell undergoes two nuclear divisions following a single round of DNA replication in order to produce four daughter cells, each with half the number of chromosomes as the original diploid cell. Meiosis occurs during the formation of gametes from diploid organisms and at the beginning of haplophase in those organisms that alternate between diploid and haploid generations.

**CROSSING OVER:**

The exchange of a segment of DNA between two homologous chromosomes during meiosis leading to a novel combination of genetic material in the offspring.

**CYTOGENETICS:**

The study of the structure, function, and abnormalities of human chromosomes.

**DE NOVO GENE MUTATION:**

Alteration in a gene present for the first time in one family member as a result of a mutation in the egg or sperm cell leading to that person's conception.

**DELETION:**

Absence of a segment of DNA; may be as small as a single base or large enough to encompass one or more entire genes. Large deletions involving a whole segment of a chromosome may be detected by routine examination of the chromosomes; intermediate deletions involving a few genes may be detected by using fluorescent in situ hybridization (FISH); smaller deletions involving a portion of a gene may only be detected through DNA analysis.

**DEOXYRIBONUCLEIC ACID:**

DNA. The molecules inside cells that make up the genes, that carry genetic information from one generation to the next.

**DERIVATIVE CHROMOSOME:**

Term used to denote an abnormal chromosome consisting of segments from two or more chromosomes joined together as the result of a translocation, insertion, or other rearrangement.

**DIPLOID:**

The normal number of chromosomes in a somatic cell; in humans, 46 chromosomes (22 pairs of autosomes plus two sex chromosomes).

**DIRECT DNA ANALYSIS:**

Molecular genetic testing used to detect a genetic alteration associated with a specific disorder; direct DNA analysis is possible only when the gene, genes, or genomic region associated with a disorder is known.

**DISEASE CAUSING MUTATION:**

A gene alteration that causes or predisposes an individual to a specific disease.

**DNA BANKING:**

The process through which DNA is extracted from any of a number of possible cell sources and stored indefinitely by freezing or refrigerating for

future testing; done when a specific test is not presently available or when the decision to have testing has not been made.

**DOUBLE HETEROZYGOTE:**

An individual who has two different gene mutations at two separate genetic loci.

**EMBRYO:**

An animal in the early prenatal stages of growth and differentiation, specifically refers to the developing human during the first trimester of pregnancy.

**EUPLOID:**

Any chromosome number that is a multiple of the haploid number.

**EXON:**

The protein-coding DNA sequence of a gene. Each exon codes for a specific portion of the complete protein. In some species (including humans), a gene's exons are separated by long regions of DNA (called introns) that have no apparent function.

**FALSE PATERNITY:**

The situation in which the alleged father of a particular individual is not the biological father.

**FALSE POSITIVE:**

A test result which indicates that an individual is affected and/or has a certain gene mutation when he or she is actually unaffected and/or does not have the mutation; i.e., a positive test result in a truly unaffected individual.

**FAMILIAL:**

Describes a trait that is observed with higher frequency within the same family, whether the etiology is genetic or environmental, or a combination of the two.

**FAMILY HISTORY:**

The genetic relationships and medical history of a family; when represented in diagram form using standardized symbols and terminology, usually referred to as a pedigree. A record of a person's current and past illnesses, and those of his or her parents, brothers, sisters, children, and other family members. A family history shows the pattern of certain diseases in a family, and helps to determine risk factors for those and other diseases.

**FERTILITY:**

The capacity to conceive or to induce conception. May refer to either the male or female.

**FETUS:**

An animal in the early prenatal stages of growth and differentiation; specifically refers to the developing human during the second and third trimesters of pregnancy.

**FIBROBLAST:**

A connective tissue cell that makes and secretes collagen proteins.

**FIRST-DEGREE RELATIVE:**

Parent, sibling, or offspring of an individual. A relative that shares one half of the person's genes.

**FLANKING MARKER:**

An identifiable, polymorphic region of DNA located to the side of a gene, but not within the gene itself. Used in linkage analysis to track the coinheritance of the gene in question.

**FLUORESCENT IN SITU HYBRIDIZATION: (FISH)**

A cytogenetic technique used to identify the presence of specific chromosomes or chromosomal regions.

**GAMETOGENESIS:**

The meiotic process by which mature eggs and sperm are formed. Oogenesis refers specifically to the production of

ova (eggs) and spermatogenesis to the production of sperm.

**GENE:**

The functional and physical unit of heredity passed from parent to offspring. Genes are pieces of DNA, and most genes contain the information for making a specific protein.

**GENE EXPRESSION:**

The detectable effect of a gene.

**GENE PRODUCT:**

Genes are transcribed into segments of RNA (ribonucleic acid), which are translated into proteins. Both RNA and proteins are products of the expression of the gene.

**GENE THERAPY:**

Treatment of a genetic disorder usually by the insertion of genetically altered genes into cells especially to replace defective genes or to provide a specialized disease fighting function (as the destruction of tumor cells).

**GENETIC PREDISPOSITION:**

Increased susceptibility to a particular disease due to the presence of one or more gene mutations, and/or a combination of alleles (haplotype), not necessarily abnormal, that is associated with an increased risk for the disease. Also refers to a family history that suggests an increased risk for the disease.

**GENETIC TESTING:**

Analysis of DNA to look for a genetic alteration.

**GENOMICS:**

The study of the sequence, structure, and function of the genome. The complete DNA sequence in an individual or species.

**GENOTYPE:**

The genetic constitution of an organism or cell; also refers to the specific set of alleles inherited at a locus.

**GENOTYPE-PHENOTYPE CORRELATION:**

The association between the presence of a certain mutation or mutations (genotype) and the resulting physical trait, (phenotype).

**GERMLINE:**

The cell line from which egg or sperm cells (gametes) are derived.

**GERMLINE MOSAICISM:**

Two or more genetic or cytogenetic cell lines confined to the precursor cells of the egg or sperm; also called gonadal mosaicism.

**GERMLINE MUTATION:**

The presence of an altered gene within the egg or sperm (germ cell) such that the altered gene can be passed to subsequent generations.

**HAPLOID:**

Half the diploid or normal number of chromosomes in a somatic cell; the number of chromosomes in a gamete (egg or sperm) cell, which in humans is 23.

**HETEROZYGOTE:**

With respect to a particular trait or condition, an individual who has inherited two different alleles, usually one normal and the other abnormal, at a particular locus.

**HOMOLOGOUS CHROMOSOMES:**

A pair of particular chromosomes, normally one inherited from the mother and one from the father, containing the same genetic loci in the same order.

**HOMOZYGOTE:**

With respect to a particular trait or condition, an individual who has inherited identical alleles at a particular locus.

**IMPRINTING:**

A phenomenon in which the disease phenotype depends on which parent passed on the disease gene. This is determined by the process by which

maternally and paternally derived chromosomes are uniquely chemically modified leading to different expression of a certain gene or genes on those chromosomes depending on their parental origin.

**INFERTILITY:**

Incapable of or unsuccessful in achieving pregnancy over a considerable period of time (as a year) in spite of determined attempts.

**INHERITANCE PATTERN:**

The manner in which a particular genetic trait or disorder is passed from one generation to the next. Autosomal dominant, autosomal recessive, X-linked dominant, X-linked recessive, multifactorial, and mitochondrial inheritance are examples.

**INSERTION:**

A chromosome abnormality in which material from one chromosome is inserted into another chromosome; or a mutation in which a segment of DNA is inserted into a gene or other segment of DNA, potentially disrupting the coding sequence.

**INTRAFAMILIAL VARIABILITY:**

Variation in clinical presentation of a particular disorder among affected individuals within the same family.

**INTRON:**

Non-coding sequence of DNA removed from mature messenger RNA prior to translation, leaving only the exons to ultimately encode the amino acid product.

**INVERSION:**

A chromosomal rearrangement in which a segment of genetic material is broken away from the chromosome, inverted from end to end, and re-inserted into the chromosome at the same breakage site. These may be balanced, with no loss or gain of genetic material, or unbalanced, with missing or extra genetic material.

**KARYOTYPE:**

A photographic representation of the chromosomes of a single cell, arranged in pairs based on their banding pattern and size according to a standard classification.

**KINDRED:**

An extended family; term often used in linkage studies to refer to large families.

**LINKAGE ANALYSIS:**

Indirect DNA analysis. The use of several DNA sequence polymorphisms (normal variants) that are near or within a gene of interest to track the inheritance of a disease-causing mutation in that gene within a family.

**LINKAGE DISEQUILIBRIUM:**

In a population, co-occurrence of a specific DNA marker and a disease at a higher frequency than would be predicted by chance alone.

**LOCUS:**

The physical site or location of a specific gene on a chromosome.

**LOCUS HETEROGENEITY:**

A single disorder, trait, or pattern of traits caused by mutations in genes at different chromosomal loci.

**LYONIZATION:**

In females, the phenomenon in which one X chromosome (either maternally or paternally derived) is randomly inactivated in early embryonic cells, with fixed inactivation in all descendant cells; first described by the geneticist Mary Lyon.

**MAPPED GENE:**

A gene or phenotype whose relative position on a segment of DNA or on a chromosome has been established.

**MARKER:**

An identifiable segment of DNA with enough variation between individuals that its inheritance and co-inheritance with alleles of a given gene can be traced; used in linkage analysis.

**MARKER CHROMOSOME:**

A small chromosome, usually containing a centromere, occasionally seen in tissue culture, often in a mosaic state. A marker chromosome may be of little clinical significance or may create an imbalance for whatever genes are present. Clinical significance, particularly if found in a fetal karyotype, is often difficult to assess.

**MATERNAL CONTAMINATION:**

The situation in which a fetal sample becomes contaminated with maternal cells, which can confound interpretation of the results of genetic analysis.

**MEIOSIS:**

Specialized cell division in which a single diploid cell undergoes two nuclear divisions following a single round of DNA replication in order to produce four daughter cells, each containing half the number of chromosomes as the original diploid cell. Meiosis occurs during the formation of gametes from diploid organisms.

**MESSENGER RNA:**

RNA that serves as a template for protein synthesis.

**MICRODELETION SYNDROME:**

A syndrome caused by a chromosomal deletion spanning several genes that is too small to be detected under the microscope using conventional cytogenetic techniques. Other methods of DNA analysis can sometimes be employed to identify the deletion.

**MITOCHONDRIAL INHERITANCE:**

Mitochondria, cytoplasmic organelles that produce the energy source ATP for most chemical reactions in the body, contain their own distinct genome; mutations in mitochondrial genes are responsible for several recognized syndromes and are always maternally inherited.

**MONOSOMY:**

The presence of only one chromosome from a pair; partial monosomy refers to the presence of only one copy of a segment of a chromosome.

**MOSAICISM:**

The post-fertilization occurrence of two or more cell lines with different genetic or chromosomal constitutions within a single individual or tissue.

**MULTIFACTORIAL INHERITANCE:**

The combined contribution of one or more often unspecified genes and environmental factors, in the causation of a particular trait or disease.

**MUTATION:**

Any alteration in a gene from its natural state; may be disease causing or a benign, normal variant.

**NEW MUTATION:**

An alteration in a gene that is present for the first time in one family member as a result of a mutation in a germ cell (egg or sperm) of one of the parents or in the fertilized egg itself.

**NON-DISJUNCTION:**

The failure of homologous chromosomes or chromatids to segregate during mitosis or meiosis, with the result that one daughter cell has both of a pair of parental chromosomes or chromatids, and the other has none.

**NONSENSE MUTATION:**

A single base pair substitution that prematurely codes for a stop in amino acid translation (stop codon).

**NUCLEOTIDE:**

A molecule consisting of a nitrogenous base (adenine, guanine, thymine, or cytosine in DNA; adenine, guanine, uracil, or cytosine in RNA), a phosphate group, and a sugar (deoxyribose in DNA; ribose in RNA). DNA and RNA are polymers of many nucleotides.

**OBLIGATE CARRIER OR OBLIGATE HETEROZYGOTE:**

An individual who may be clinically unaffected but who must carry a gene mutation based on analysis of the family history; usually applies to disorders inherited in an autosomal recessive or X-linked recessive manner.

**ONCOGENE:**

A gene that normally directs cell growth. If altered, an oncogene can promote or allow the uncontrolled growth of cancer. Alterations can be inherited or caused by an environmental exposure to carcinogens.

**ONCOSUPPRESSOR GENE:**

Also called a tumor suppressor gene. Genes in the body that can suppress or block the development of cancer.

**PARACENTRIC INVERSION:**

A chromosomal inversion in which the breakpoints are confined to one arm of a chromosome; the inverted segment does not span the centromere.

**PARENTAGE TESTING:**

The process through which DNA sequences from a particular child and a particular adult are compared to estimate the likelihood that the two individuals are related; DNA testing can reliably exclude but cannot absolutely confirm an individual as a biological parent.

**PEDIGREE:**

A diagram of the genetic relationships and medical history of a family using standardized symbols and terminology.

**PENETRANCE:**

The proportion of individuals with a mutation causing a particular disorder who exhibit clinical symptoms of that disorder; a condition is said to have complete penetrance if clinical symptoms are present in all individuals who have the disease-causing mutation, and to have reduced or incomplete penetrance if clinical symptoms are not always present in individuals who have the disease-causing mutation.

**PERICENTRIC INVERSION:**

A chromosomal inversion in which the breakpoints occur on both arms of a chromosome and therefore the inverted segment spans the centromere.

**PHENOTYPE:**

The observable physical and/or biochemical characteristics of the expression of a gene; the clinical presentation of an individual with a particular genotype.

**PLEIOTROPY:**

Multiple, often seemingly unrelated, physical effects caused by a single altered gene or pair of altered genes.

**POINT MUTATION:**

An alteration in DNA sequence caused by a single nucleotide base change, insertion, or deletion.

**POLYGENIC:**

Genetic condition resulting from the combined action of alleles of more than one gene (e.g. heart disease, diabetes, and some cancers).

Although such disorders are at least partly inherited, they depend on the simultaneous presence of several alleles; thus the hereditary patterns usually are more complex than those of single-gene disorders.

**POLYMERASE CHAIN REACTION (PCR):**

A method of creating copies of specific fragments of DNA. PCR rapidly amplifies a single DNA molecule into many billions of molecules.

**POLYMORPHISM:**

A natural variation in a gene, DNA sequence, or chromosome that has no adverse effect and occurs with fairly high frequency in the general population.

**POLYPLOIDY:**

An increase in the number of haploid sets (23) of chromosomes in a cell. Triploidy refers to three whole sets of chromosomes in a single cell (in humans, a total of 69 chromosomes per cell); tetraploidy refers to four whole sets of chromosomes in a single cell (in humans, a total of 92 chromosomes per cell).

**PREIMPLANTATION DIAGNOSIS:**

A procedure used to genetically test one cell removed from early embryos conceived by in vitro fertilization. Typically performed to identify specific genetic abnormalities, before transferring to the mother's uterus only those embryos determined not to have inherited the abnormality in question.

**PREMUTATION:**

In disorders caused by trinucleotide repeat expansions, an abnormally large allele that is not associated with clinical symptoms but that can expand into a full mutation when transmitted to offspring (full mutations are associated with clinical symptoms of the disorder).

**PRENATAL DIAGNOSIS:**

Testing performed during pregnancy to determine if a fetus is affected with a particular disorder. Chorionic villus sampling (CVS), amniocentesis, periumbilical blood sampling (PUBS), ultrasound, and fetoscopy are examples of procedures used either to obtain a sample for testing or to evaluate fetal anatomy.

**PRESYMPTOMATIC TESTING:**

Testing of an asymptomatic individual in whom the identification of a gene mutation indicates the development of a specific condition at some future point in time. A negative result excludes the diagnosis.

**PRIVATE MUTATION:**

A distinct gene alteration observed in a single family.

**PROBAND:**

The affected individual through whom a family with a genetic disorder is ascertained; may or may not be the consultand (the individual presenting for genetic counseling).

**REARRANGEMENT:**

A structural alteration in a chromosome, usually involving breakage and reattachment of a segment of chromosome material, and resulting in an abnormal configuration which may be balanced or unbalanced. Examples include inversion and translocation.

**RECESSIVE:**

A gene which will be expressed only if there are 2 copies or, for a male, if one copy is present on the X chromosome.

**RECIPROCAL TRANSLOCATION:**

A chromosomal rearrangement in which a segment of one chromosome is exchanged with a segment of another chromosome of a different pair.

**RECOMBINATION:**

The exchange of a segment of DNA between two homologous chromosomes during meiosis leading to a novel combination of genetic material in the offspring.

**RECURRENCE RISK:**

The likelihood that a trait or disorder present in one family member will occur again in other family members.

**REFLEX TESTING:**

Follow-up testing automatically initiated when certain test results are observed in the laboratory; used to clarify or elaborate on primary test results.

**RESTRICTION FRAGMENT LENGTH POLYMORPHISM (RFLP) ANALYSIS:**

Fragment of DNA of predictable size resulting from cutting of a strand of DNA by a given restriction enzyme. DNA sequence mutations that destroy or create the sites at which a restriction enzyme cuts DNA change the size and number of DNA fragments resulting from digestion by a given restriction enzyme.

**RING CHROMOSOME:**

Abnormal chromosomes in a circular configuration.

**RISK ASSESSMENT:**

Calculation of an individual's chance of having inherited a certain gene mutation, of developing a particular disorder, or of having a child with a certain disorder based upon analysis of multiple factors including genetic test results, family medical history, and/or ethnic background.

**ROBERTSONIAN TRANSLOCATION:**

The joining of two acrocentric chromosomes at the centromeres with loss of their short arms to form a single abnormal chromosome; acrocentric chromosomes are the Y chromosomes and the acrocentric chromosomes 13, 14, 15, 21, and 22.

**SCREENING:**

Testing designed to identify individuals in a given population who are at higher risk of having or developing a particular disorder, or carrying a gene for a particular disorder.

**SECOND-DEGREE RELATIVE:**

A relative with whom one quarter of an individual's genes are shared (i.e., grandparent, grandchild, uncle, aunt, nephew, niece, half-sibling).

**SEGREGATION:**

The separation of the homologous chromosomes and their random distribution to the gametes at meiosis.

**SENSITIVITY:**

The frequency with which a test yields a positive result when the gene mutation in question is actually present in the individual being tested.

**SOMATIC MUTATION:**

Alterations in DNA that occur after conception. Somatic mutations can occur in any of the cells of the body except the germ cells (sperm and egg) and therefore are not passed on to children.

**SPECIFICITY:**

The frequency with which a test yields a negative result when the gene mutation in question is not present in the individual being tested.

**SPORADIC:**

Denoting either a genetic disorder that occurs for the first time in a family due to a new mutation or the chance occurrence of a disorder or abnormality that is not likely to recur in a family.

**STEM CELLS:**

Relatively undifferentiated cells from which other types of cells can develop.

**SUBSTITUTION:**

A type of mutation due to replacement of one nucleotide in a DNA sequence by another nucleotide or replacement of one amino acid in a protein by another amino acid.

**TELOMERE:**

The segment at the end of each chromosome which has a specialized structure and is involved in chromosomal replication and stability.

**TRANSCRIPT:**

A sequence of RNA produced by transcription from a DNA template.

**TRANSCRIPTION FACTOR:**

A protein that binds to regulatory regions and helps control gene expression.

**TRANSFER RNA:**

Small RNA molecules that bond with amino acids and transfer them to the ribosomes, where proteins are assembled according to the genetic code carried by messenger RNA.

**TRANSLATION:**

The process of forming a protein molecule at a ribosomal site of protein synthesis from information contained in messenger RNA.

**TRANSLOCATION:**

A chromosome alteration in which a whole chromosome or segment of a chromosome becomes attached to or interchanged with another whole chromosome or segment. These may be balanced, with no loss or gain of genetic material, or unbalanced, with extra or missing genetic material.

**TRINUCLEOTIDE REPEAT:**

Sequences of three nucleotides repeated in tandem on the same chromosome a number of times. A normal, polymorphic variation in repeat number with no clinical significance commonly occurs between individuals; however, repeat numbers over a certain threshold can, in some cases, lead to adverse effects on the function of the gene, resulting in genetic disease.

### **TRISOMY:**

The presence of a single extra chromosome, yielding a total of three chromosomes of that particular type instead of a pair. Partial trisomy refers to the presence of an extra copy of a segment of a chromosome.

### **TRISOMY RESCUE:**

The phenomenon in which a fertilized ovum initially contains 47 chromosomes but loses one of the trisomic chromosomes in the process of cell division such that the resulting daughter cells and their descendants contain the normal number of chromosomes.

### **UNIPARENTAL DISOMY (UPD):**

The situation in which both members of a chromosome pair, or segments of a chromosome pair, are inherited from one parent and neither is inherited from the other parent. Uniparental disomy can result in an abnormal phenotype in some cases.

### **UPD TESTING:**

Testing used to identify whether specific chromosomes are maternally or paternally derived; can aid in confirming the clinical diagnosis of certain disorders for which UPD is a possible underlying etiology.

### **VARIABLE EXPRESSION:**

Variation in clinical features (type and severity) of a genetic disorder between individuals with the same gene alteration, even within the same family.

### **X-LINKED DOMINANT:**

Describes a dominant trait or disorder caused by a mutation in a gene on the X chromosome.

### **X-LINKED LETHAL:**

A disorder caused by a dominant mutation in a gene on the X chromosome that is observed almost exclusively in females because it is almost always lethal in males.

### **X-LINKED RECESSIVE:**

A mode of inheritance in which a mutation in a gene on the X chromosome causes the phenotype to be expressed in males who are hemizygous for the gene mutation or in females who are homozygous for the gene mutation. Carrier females, who have only one copy of the mutation, do not usually express the phenotype, although differences in X-chromosome inactivation can lead to varying degrees of clinical expression.

### **ZYGOSITY TESTING:**

The process through which DNA sequences are compared to assess whether individuals born from a multiple gestation (twins, triplets, etc.) are monozygotic (identical) or dizygotic (fraternal); often used to identify a suitable donor for organ transplantation or to estimate disease susceptibility risk if one sibling is affected.

### **SOURCES:**

#### **Genetics Home Reference — Your Guide to Understanding Genetic Conditions**

A service of the U.S. National Library of Medicine Available at [www.ghr.nlm.nih.gov](http://www.ghr.nlm.nih.gov). Accessed September 2004.

#### **GeneTests: Medical Genetics Information Resource (database online)**

Educational materials: Glossary. Copyright, University of Washington, Seattle. 1993-2004. Updated weekly. Available at <http://www.genetests.org>. Accessed September 2004.

V.

GENETIC SERVICES:CONNECTICUT



## **BRIDGEPORT HOSPITAL**

267 Grant Street  
Bridgeport, CT 06610  
[www.bridgorthospital.com](http://www.bridgorthospital.com)

### **Maternal Fetal Medicine/Genetics**

Phone: 203-384-3049 or 203-384-4724  
Fax: 203-384-3574

An outreach site of Yale University  
School of Medicine

## **CONNECTICUT DEPARTMENT OF PUBLIC HEALTH**

### **NEWBORN SCREENING PROGRAM**

410 Capitol Avenue  
P.O. Box 340308  
Hartford, CT 06134-0308  
Phone: 860-509-8081  
Fax: 860-509-7720  
[www.dph.state.ct.us](http://www.dph.state.ct.us)

Commissioner: J. Robert Galvin, MD, MPH  
Deputy Commissioner: Norma Gyle, RN, PhD

Connecticut state law mandates that all newborns delivered in Connecticut be screened for selected genetic and metabolic disorders. The Newborn Screening Program consists of three components: testing, tracking, and treatment. The aim of this program is to screen all babies prior to hospital discharge or within the first 4 days of life. The goal is early identification of infants at increased risk for disorders so that medical treatment can be promptly initiated to prevent irreversible problems or death.

*(CT Newborn Screening Designated Genetic Treatment Centers will be indicated by \*\* in listings.)*

CT NEWBORN SCREENING DESIGNATED  
ENDOCRINOLOGY REGIONAL  
TREATMENT CENTERS

### **CONNECTICUT CHILDREN'S MEDICAL CENTER**

#### **Pediatric Endocrinology Department**

282 Washington Street  
Hartford, CT 06106  
Phone: 860-545-9370  
Fax: 860-545-9371

## **YALE UNIVERSITY SCHOOL OF MEDICINE**

### **Yale Department of Pediatric Endocrinology**

3103, LMP  
P.O. Box 208064  
New Haven, CT 06520-8064  
Phone: 203-764-9199  
Fax: 203-764-9149

CT NEWBORN SCREENING DESIGNATED  
SICKLE CELL REGIONAL  
TREATMENT CENTERS

### **CT CHILDREN'S MEDICAL CENTER**

#### **Comprehensive Hemoglobin Disorders Treatment Center**

282 Washington Street  
Hartford, CT 06106  
Phone: 860-545-9630  
Fax: 860-545-9622

### **YALE SICKLE CELL SERVICE**

#### **Yale University School of Medicine**

333 Cedar Street  
LMP 4089  
P.O. Box 208064  
New Haven, CT 06520  
Phone: 203-785-6662  
Fax: 860-737-2461

## **GREENWICH HOSPITAL**

5 Perryridge Road  
Greenwich, CT 06830  
Phone: 203-863-3000  
[www.greenhosp.org](http://www.greenhosp.org)

### **Perinatal Genetic Counseling**

Phone: 203-863-3917  
Fax: 203-863-3467

## **NORWALK HOSPITAL**

Maple Street  
Norwalk, CT 06856  
[www.norwalkhosp.org](http://www.norwalkhosp.org)

### **Perinatology**

Phone: 203-852-3354  
Fax: 203-852-3610

## **STAMFORD HOSPITAL**

30 Shelburne Road  
Stamford, CT 06904  
[www.stamhealth.org](http://www.stamhealth.org)

## Maternal Fetal Medicine

Phone: 203-325-7060

Fax: 203-325-7908

## UNIVERSITY OF CONNECTICUT HEALTH CENTER

DIVISION OF HUMAN GENETICS

UConn Health Partners

65 Kane Street, First Floor

West Hartford, CT 06106

Phone: 860-523-6464

Administrative Phone: 860-523-6499

Fax: 860-523-6465

[www.uhc.edu/genetics](http://www.uhc.edu/genetics)

### GENERAL GENETICS CONSULTATION SERVICE \*\*

Provides: up-to-date information about the heritability and cause of genetic disorders, such as birth defects, mental retardation and late onset adult diseases; evaluation, diagnosis and management of persons with genetic disorders; information about the recurrence risk to families with a genetic disorder; and supportive counseling to patients and their families.

### HEREDITARY CANCER PROGRAM

A referral/consultation service, which evaluates families with multiple members with cancer, to assess the likelihood for hereditary cancer. Genetic testing is offered to families with appropriate histories.

*Patients also seen at:*

MIDDLESEX HOSPITAL

28 Crescent Street

Middletown, CT 06457

[www.midhosp.org](http://www.midhosp.org)

### GAUCHER DISEASE CENTER

Established through the National Gaucher Foundation ([www.gaucherdisease.org](http://www.gaucherdisease.org)), to work with patients and doctors in diagnosis, management and treatment of Gaucher Disease.

### GENETIC INBORN ERRORS OF METABOLISM SERVICE

Provides diagnostic evaluation of metabolic disorders that are detected by the Connecticut State Newborn Screening Program or by other evaluations.

### OTHER COLLABORATIVE PROGRAMS

*Hemophilia*

*Huntington Disease*

*Neurogenetics Program*

*Neuromuscular Disorders*

*Newborn Cystic Fibrosis Screening Program*

### EDUCATION

Certified residency in medical genetics; clinical electives/rotations for medical students, residents, genetic counseling students, and graduate fellows; undergraduate, graduate and continuing education.

### PRENATAL GENETICS PROGRAM

Provides information about the inheritance of genetic conditions, the cause for various birth defects, and the tests available to detect whether an individual or couple is at risk have a child with such a condition. Offers tests to determine whether a pregnancy may be affected by a birth defect or genetic condition.



*Patients also seen at:*

### **Middlesex Hospital**

28 Crescent Street  
Middletown, CT 06457  
[www.midhosp.org](http://www.midhosp.org)

OCCUPATIONAL AND ENVIRONMENTAL  
REPRODUCTIVE HAZARDS CLINIC  
UConn Health Center  
Dowling North Building, 3rd floor  
Farmington, CT 06032  
Phone: 800-325-5391 or 860-523-6419  
[www.oehc.uhc.edu/clinser/reprohaz.htm](http://www.oehc.uhc.edu/clinser/reprohaz.htm)

LABORATORY SERVICES  
Human Genetics Laboratories  
UConn Health Center  
263 Farmington Avenue  
Butler Building #5  
Farmington, CT 06030-6140  
Phone: 860-679-2469  
Fax: 860-679-3616

CONNECTICUT PREGNANCY EXPOSURE  
INFORMATION SERVICE  
Phone: 800-325-5391 or 860-523-6419  
Fax: 860-523-6465  
[www.docdb.uhc.edu/genetics/  
PregnancyExposure.htm](http://www.docdb.uhc.edu/genetics/PregnancyExposure.htm)

A state-funded program that provides information on all types of exposures during pregnancy for Connecticut residents or women with Connecticut physicians. This service is a member of The Organization of Teratology Information Services. Located in West Hartford.

### **YALE UNIVERSITY SCHOOL OF MEDICINE**

DEPARTMENT OF GENETICS  
333 Cedar Street  
New Haven, CT 06520  
Phone: 203-785-2660  
Fax: 203-785-3404  
[www.info.med.yale.edu/genetics](http://www.info.med.yale.edu/genetics)

GENETIC CONSULTATION SERVICE \*\*  
Diagnosis, management and genetic counseling for a broad range of hereditary and genetic-influenced conditions. Ongoing treatment including nutritional treatment, bone marrow and stem cell

transplant, pharmacological therapy, and multidisciplinary management.

*Patients also seen at:*

### **Bridgeport Hospital**

267 Grant Street  
Bridgeport, CT 06610  
Phone: 203-384-3049  
[www.bridgeporthospital.com](http://www.bridgeporthospital.com)

### **Danbury Hospital**

24 Hospital Avenue  
Danbury, CT 06810  
Phone: 203-797-7124  
[www.danhosp.org](http://www.danhosp.org)

### GENETIC INBORN ERRORS OF METABOLISM SERVICE

Diagnosis, management and clinical care for patients with inborn errors of amino acid, organic acid, fatty acid metabolism and mitochondrial disorders. Newborn screening follow-up and assessment with rapid laboratory assessment and collaborative management with primary care physicians. Lysosomal storage disorders diagnosis and management. Molecular genetic testing with assessment of family members at risk.

### EDUCATION

Certified residency in medical genetics, clinical electives/rotations for medical students, residents, genetic counseling students, and graduate fellows; undergraduate, graduate and continuing education. Laboratory training in clinical molecular genetics, clinical biochemical genetics, and clinical cytogenetics.

### PRENATAL SERVICE

Appointment Phone: 203-785-5682  
Administrative & Consult line: 203-785-2661  
Fax: 203-785-7673

Provides a full array of prenatal genetic testing services.

*Patients also seen at:*

### **Lawrence and Memorial Hospital**

365 Montauk Avenue  
New London, CT 06320  
[www.lmhospital.org](http://www.lmhospital.org)

### **Waterbury Hospital**

64 Robbins Street  
Waterbury, CT 06721

[www.waterburyhospital.org](http://www.waterburyhospital.org)

OTHER COLLABORATIVE PROGRAMS:

### **Craniofacial Genetics**

Phone: 203-737-2049

Fax: 203-785-5714

### **Huntington Disease**

Phone: 203-785-2661

Fax: 203-785-7673

### **Neurofibromatosis Program**

Phone: 203-785-2660

Fax: 203-785-3404

### **Neurogenetics Clinic**

Phone: 203-785-4085 or 203-401-4300

Fax: 203-785-5694

CANCER GENETIC COUNSELING PROGRAM

### **Yale Cancer Center**

55 Church Street  
Suite 402

New Haven, CT 06510

Phone: 203-764-8400

Fax: 203-764-8401

[www.yalecancercenter.org/genetics/](http://www.yalecancercenter.org/genetics/)

*Patients also seen at:*

### **Praxair Cancer Center**

Danbury Hospital  
24 Hospital Avenue  
Danbury, CT 06810

[www.danhosp.org](http://www.danhosp.org)

### **Bendheim Cancer Center**

Greenwich Hospital  
77 Lafayette Place  
Greenwich, CT 06830

[www.greenhosp.org](http://www.greenhosp.org)

### **Whittingham Cancer Center**

Norwalk Hospital  
Maple Street  
Norwalk, CT 06856

[www.norwalkhosp.org](http://www.norwalkhosp.org)

### LABORATORY SERVICES

Biochemical Disease Detection Laboratory  
Yale University School of Medicine  
Department of Genetics  
333 Cedar Street  
WWW 313

P.O. Box 208005

New Haven, CT 06520

Phone: 203-785-2662

FAX: 203-785-3535

<http://info.med.yale.edu/genetics/BDD/index.php>

Studies include amino acid analysis, total homocysteine, organic acid analysis (GC/MS), carnitine and acylcarnitine profiles (electrospray tandem MS), screening for fatty acid oxidation disorders (urine acylglycine profile) and others.



### CYTOGENETICS (INCLUDING MOLECULAR CYTOGENETICS)

<http://info.med.yale.edu/genetics/cytogenetics/cytogenetics.php>

Laboratory Director: 203-785-6317

Administrative Assistant: 203-785-2146

Prenatal laboratory: 203-785-5140

Bone Marrow and Blood laboratory:  
203-785-2656

Research Cytogenetics: 203-785-6523

### DNA DIAGNOSTICS LABORATORY

Phone: 203-785-5745

Fax: 203-785-7227

Testing for fragile X syndrome, Duchenne and Becker muscular dystrophies, Gorlin syndrome, Hemophilia A, MCAD, multiple endocrine neoplasia, and OTC.



# VI.

## GENETIC SERVICES: MAINE



## MAINE GENETICS PROGRAM (MGP)

Ellie Mulcahy, RNC, Director  
Division of Family Health  
11 State House Station  
Augusta, ME 04333-0011  
Phone: 207-287-5357 or 1-800-698-3624  
Fax: 207-287-4743

The Maine Genetics Program (MGP) is a statewide program that provides grants to agencies to assure the availability of comprehensive genetic services for the citizens of Maine. Services include risk assessment, laboratory and clinical diagnosis, counseling, case management and referral, and education and training to providers and consumers. The MGP also coordinates the Newborn Bloodspot and Newborn Hearing Screening Programs. The Newborn Bloodspot Screening Program screens all newborns for 28 conditions, which if left untreated, would cause mental retardation, other serious health problems or death. The Newborn Hearing Screening Program tests all newborns for possible hearing loss. Both the Newborn Bloodspot Screening Program and the Newborn Hearing Screening Program make referrals for treatment and comprehensive follow-up care.

### EASTERN MAINE MEDICAL CENTER GENETICS PROGRAMS PEDIATRIC SPECIALTY CLINICS

417 State Street  
Webber East Suite 305  
Bangor, ME 04401  
Appointment Phone: 207-973-7559  
or 1-877-366-3662 x7559  
Administrative Phone: 207-973-7553  
or 1-877-366-3662 x7553  
<http://emmc.org/Patient+Services/Child+and+Adolescent+Care+Center/default.htm>

The Genetics Program provides consultation and management services through a number of specialty clinics at EMMC. The Program provides initial genetic evaluation, assessment and ongoing management. In addition to the general Genetics Clinic, the Genetics Program coordinates specialty clinics for the following conditions:

- Inborn Errors of Metabolism
- Spina Bifida
- Cystic Fibrosis
- Cleft Lip and Palate
- Hemophilia
- Muscular Dystrophy

The Genetics Program also provides Medical Genetics consultations and prenatal and preconception counseling for area physicians and women's health programs, including the Maternal Fetal Medicine Program at EMMC, as well as Developmental Evaluation Clinics.

All clients are seen regardless of ability to pay for services.

In addition to clinical services, the Genetics Program offers education and training to health professionals and other groups throughout the state.

## CANCERCARE OF MAINE

417 State Street, Suite 20  
Bangor, ME 04401-6600  
Phone: 207- 973-7476 or 1-800-987-3005

The Cancer Risk Counseling Clinic provides assessment for individuals and families at risk for a variety of hereditary cancer syndromes. Genetic testing options, screening and preventative strategies are reviewed. An oncologist is available for consultation.

## MAINE MEDICAL CENTER, THE DIVISION OF GENETICS AT THE BARBARA BUSH CHILDREN S HOSPITAL

MAINE PEDIATRIC SPECIALTY GROUP AND  
ENDOCRINOLOGY  
887 Congress Street, Suite 320  
Portland, ME 04102  
Phone: 207-662-5522 or 1-800-860-6277  
Fax: 207-662-5528  
[http://www.mmc.org/mmc\\_bush/clinical\\_services\\_prog\\_genetics.htm](http://www.mmc.org/mmc_bush/clinical_services_prog_genetics.htm)

The Division of Genetics at the Barbara Bush Children's Hospital provides Genetics services for individuals from primarily southern Maine and New Hampshire. Consultative and management services include dysmorphology evaluations, ongoing management of complex medical care for individuals with known diagnoses; family risk assessment; provision of genetic testing,; genetic counseling; evaluation, diagnosis and management of inborn errors of metabolism; enzyme replacement therapy services for lysosomal storage diseases; and prenatal consultations in complex cases. The Division of Genetics also provides essential education to primary care physicians and other subspecialists at MMC, as well as throughout the states of Maine and New Hampshire.

The Division is also responsible for the Barbara Bush Children's Hospital Metabolism Program and provides support for the Southern Maine Cleft Lip and Palate Program, the Cystic Fibrosis Clinic, the Hemophilia Clinic, the Maine Children's Cancer Program and the Spina Bifida Program. Medical Genetics consultations are also provided to the Division of Maternal Fetal Medicine at MMC and the Genetics staff at the Maine Center for Cancer Medicine.

All clients are seen regardless of ability to pay for services.

**MAINE MEDICAL CENTER, DIVISION OF THE CANCER GENETICS PROGRAM**  
CANCER RISK AND PREVENTION CLINIC  
AT MAINE MEDICAL CENTER  
100 US Route 1  
Scarborough, ME 04074  
Phone: 207-885-7787  
Fax: 207-885-8500  
[http://www.mmc.org/mmc\\_services/mainecenterforcancermedicine.htm](http://www.mmc.org/mmc_services/mainecenterforcancermedicine.htm)

The Cancer Risk and Prevention Clinic provides a family history evaluation and genetic risk assessment for individuals and families primarily in Southern Maine and New Hampshire. A visit includes a review of an individual's personal and/or family history of cancer in order to evaluate

possible hereditary cancer susceptibility disorders (HCSDs). The genetic counselor explains genetics, inheritance, genetic syndrome differentials, available testing, possible testing outcomes, and research possibilities. A visit continues with the physician who provides a personalized risk assessment. While direct patient care is the main focus, the Cancer Genetics Program also provides essential services and education to primary care physicians and other subspecialists at MMC, as well as throughout the states of Maine and New Hampshire.



## **OTHER RELATED SERVICES WITH A GENETIC COMPONENT**

### **CHILDREN WITH SPECIAL HEALTH CARE NEEDS PROGRAM, (CSHN)**

Toni Wall, MPA, Director  
Division of Family Health  
11 State House Station  
Augusta, Maine 04333  
Phone 207-287-5139 or 1-800-698-3624.

<http://www.maine.gov/dhhs/boh/cshn>

The Children with Special Health Needs Program (CSHN) serves children who have a serious physical condition(s) that requires extensive health and related services.

Chronic physical conditions that are covered by the CSHN Program include, but are not limited to, the following: asthma and other respiratory disorders, blood disorders, cardiac disorders, childhood cancer, chronic ear infections, cleft

lip and/or cleft palate, other craniofacial anomalies, cystic fibrosis, developmental delays, diabetes and other endocrine disorders, gastrointestinal disorders, genitourinary disorders, juvenile arthritis, orthopedic disorders, PKU and other inborn errors of metabolism, seizure disorders, skin disorders, spina bifida, and vision disorders.

The Program pays for diagnosis and medical care for children who meet the medical and income guidelines.

In addition, the Program supports and/or administers the following clinics:

Developmental Evaluation Clinics are available at Cary Medical Center, Eastern Maine Medical Center, MaineGeneral Medical Center in Waterville, and The Child Health Center in Auburn.

Maine Cleft Lip and Palate Clinic is supported and administered by CSHN Program in two regional sites: Bangor and Portland.

### **MAINE MEDICAL CENTER, HEMOPHILIA TREATMENT CENTER**

Maine Children's Cancer Program  
100 U.S. Route One  
Scarborough, ME 04074  
Phone: 207-885-7565  
Fax: 207-885-7577

Maine Medical Center provides comprehensive clinical services to individuals with hemophilia and other coagulation disorders. Genetic counseling services and coordination of DNA analysis for carrier testing and prenatal diagnosis are arranged when indicated.

### **THE FOUNDATION FOR BLOOD RESEARCH**

Division of Genetics  
8 Nonesuch Road  
Scarborough, Maine 04074  
Phone: 207-883-4131  
Fax: 207-885-0807

**[www.fbr.org/genetics/genetics.html](http://www.fbr.org/genetics/genetics.html)**

The Division of Genetics at the Foundation for Blood Research (FBR) focuses on the integration of genetics into public health and private healthcare systems in Maine. Immediately available to primary and allied healthcare personnel are CME/CEU lectures and presentations offered either in person or via interactive TV (telemedicine), as well as publications.

The molecular diagnostic laboratory is involved in research to test the feasibility of DNA-based population screening protocols for genetic disorders such as cystic fibrosis and hereditary hemochromatosis.

### **PREGNANCY ENVIRONMENTAL HOTLINE:**

Phone: 781-466-8474 or 800-322-5041 (in MA)  
(also serves MA, NH and RI)

# VII.

## GENETIC SERVICES: MASSACHUSETTS



## **MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH**

Office of Genomics and Health  
250 Washington Street, 4th floor  
Boston, MA 02108  
Phone: 617-624-5070

The Massachusetts Genetics Program (MGP) is based within the Office on Health and Disability of the Massachusetts Department of Public Health. The MGP aims to inform consumers and professionals about medical and scientific developments in human genetics and associated ethical, legal and social issues that affect infants, children, adolescents and adults. The MGP strives to ensure that all individuals have access to culturally and linguistically appropriate, family-centered genetics services.

## **BAYSTATE MEDICAL CENTER**

759 Chestnut Street  
Springfield, MA 01199

**CLINICAL AND REPRODUCTIVE GENETICS**  
Department of Obstetrics and Gynecology  
Administrative Phone: 413-794-8890  
Appointment Phone: 413-794-2222  
Fax: 413-794-1666  
Services: Prenatal, Pediatric, Adult, Cancer Genetics

The Genetics program at Baystate Medical Center offers comprehensive clinical genetics care, laboratory services and education for patients and healthcare professionals.

The clinical program includes services across the lifespan including prenatal and preconception assessment, pediatric and adult evaluations, and cancer risk assessment consultations.

Genetic laboratory services at Baystate Medical Center include cytogenetics, maternal serum screening, and molecular diagnostics.

## **BETH ISRAEL DEACONESS HOSPITAL**

330 Brookline Avenue  
Boston, MA 02115

Clinical Genetics Program  
Phone: 617-667-7110  
Fax: 617-667-1551  
Services: Prenatal diagnosis

Cancer Risk Assessment Program  
Phone: 617-667-1905  
Fax: 617-667-1551

## **BOSTON UNIVERSITY MEDICAL CENTER**

715 Albany Street  
W-4th Floor  
Boston, MA 02118  
(Mailing address)

**THE CENTER FOR HUMAN GENETICS**  
700 Albany Street  
Building CABR, Suite 408  
Boston, MA 02118  
(Clinical Site)  
Phone: 617-638-7083  
Fax: 617-638-7092  
Services: Prenatal, pediatric, adult genetics; cytogenetic, biochemical, maternal serum screening, and molecular testing  
<http://www.bumc.bu.edu/hg>

**BOSTON COMPREHENSIVE SICKLE CELL CENTER**  
820 Harrison Ave., FGH 2nd Floor  
Boston, MA 02118  
Phone: 617-414-5727  
Fax: 617-414-5739  
Services: Testing, counseling for sickle cell anemia and other hemoglobinopathies, education, research

**CENTER OF EXCELLENCE IN SICKLE CELL DISEASE**  
88 East Newton Street  
Evans 248  
Boston, MA 02118  
Phone: 617-414-1020  
Fax: 617-414-1021  
[www.bu.edu/sicklecell](http://www.bu.edu/sicklecell)

Services: Research studies involving sickle cell anemia and other hemoglobinopathies



### **BRIGHAM & WOMEN'S HOSPITAL**

75 Francis Street  
Boston, MA 02115

#### **CENTER FOR FETAL MEDICINE AND PRENATAL GENETICS**

Phone: 617-732-4208  
Fax: 617-264-6310

**[http://www.brighamandwomens.org/  
mfm/center4fetalgeneticshome.asp](http://www.brighamandwomens.org/mfm/center4fetalgeneticshome.asp)**

The center focuses on the diagnosis and treatment of fetal disease with a comprehensive genetic counseling service, a fetal treatment program, and expansion of pre-implantation genetic diagnosis.

#### **OUTREACH CLINICS:**

##### **Newton Wellesley Hospital**

Maternal Fetal Medicine  
2014 Washington Street  
Newton, MA 02462  
Phone: 617-243-5909  
Fax: 617-243-5775

##### **Women's Health Center**

One Hutchinson Drive  
Danvers, MA 01923  
Phone: 978-739-6900  
Fax: 978-774-9635

##### **Exeter Hospital**

Millbrook Office Park  
118 Portsmouth Avenue, Suite 102  
Stratham, NH 03885  
Phone: 603-777-5002  
Fax: 603-778-9290

##### **CHILDREN'S HOSPITAL BOSTON**

300 Longwood Avenue  
Boston, MA 02115

#### **CLINICAL GENETICS AND METABOLISM**

Phone: 617-355-6394 or 617-355-4695  
Fax: 617-730-0466

**<http://www.childrenshospital.org>**

The Division of Genetics at Children's Hospital Boston offers state-of-the-art diagnostic and clinical management for children, adolescents, and adults with genetic conditions, including inborn errors of metabolism. Patients are evaluated by a multi-disciplinary team of physicians, nurses and counselors who specialize in genetics, syndrome identification, metabolic disease, and birth defects.

#### **OUTREACH SITES:**

##### **South Shore Hospital**

851 Main Street  
Weymouth, MA 02190  
Phone: 781-331-4715  
Fax: 781-335-5628

##### **Lexington Medical Center**

482 Bedford Street  
Lexington, MA 02420  
Phone: 781-672-2100  
Fax: 781-672-2145

#### **OTHER SERVICES:**

##### **Cardiovascular Genetics**

Phone: 617-355-2079  
Fax: 617-739-3784  
Services: Evaluation for cardiac birth defects and inherited cardiac malformations

## **DANA-FARBER CANCER INSTITUTE**

44 Binney Street  
Boston, MA 02115

### CANCER RISK AND PREVENTION

Phone: 617- 632-2178

Fax: 617-632-6811

**[www.dana-farber.org/pat/cancer/](http://www.dana-farber.org/pat/cancer/)**

A team of specialists combines the latest medical and scientific knowledge with the most advanced surveillance, diagnostic, and prevention methods. Provides thorough evaluation and risk assessment, including genetic testing for cancer susceptibility, and educates patients about cancer risk and its implications for themselves and family members.

## **HARVARD VANGUARD MEDICAL ASSOCIATES**

133 Brookline Avenue  
Boston, MA 02215

### GENETICS DEPARTMENT

Phone: 617-421-3320

Fax: 617-421-2989

**[www.harvardvanguard.org](http://www.harvardvanguard.org)**

Services: Prenatal, Pediatric, Adult and Cancer Genetics

## **MASSACHUSETTS GENERAL HOSPITAL**

Warren 801  
55 Fruit Street  
Boston, MA 02114-2696

**[www.hpcgg.org/LMM/](http://www.hpcgg.org/LMM/)**

### GENETICS & TERATOLOGY UNIT

Phone: 617-726-1742

Fax: 617-724-1911

Services: pediatric, prenatal counseling, adult genetics

### CENTER FOR CANCER RISK ANALYSIS

55 Fruit Street  
Boston, MA 02114  
Phone: 617-724-1971  
Fax: 617-726-9418

## PARTNERS CENTER FOR HUMAN GENETICS AND GENOMICS

Administrative Office:  
Simches Research Center  
Room 2222

185 Cambridge Street  
Boston, MA 02114

### Clinical Office:

Yawkey Center for Outpatient Care  
6th Floor 6C  
55 Fruit Street  
Boston, MA 02114

Phone: 617-726-1561

Fax: 617-726-1566

Services: Pediatric and adult genetics

## DEVELOPMENTAL NEUROGENETICS

### Administrative Office:

CRP Building North  
5th Floor Suite 5240  
185 Cambridge Street  
Boston, MA 02114

### Clinical Office:

Yawkey Center for Outpatient Care  
6th Floor 6B  
55 Fruit Street  
Boston, MA 02114

Phone: 617-726-5732

Fax: 617-724-9620

Services: Evaluation and testing for neuro-genetic disorders, including Fabry disease, Gaucher disease and mitochondrial disorders

## **NATIONAL BIRTH DEFECTS CENTER**

40 Second Avenue, Suite 520  
Waltham, MA 02451

Phone: 781-466-9555

Fax: 781-487-2361

**[www.thegenesisfund.org](http://www.thegenesisfund.org)**

Services: Diagnostic evaluation and testing, prenatal counseling

### PREGNANCY ENVIRONMENTAL HOTLINE:

Phone: 781-466-8474 or 800-322-5041 (in MA)  
(also serves ME, NH and RI)

## **NEW ENGLAND MEDICAL CENTER**

750 Washington Street  
Boston, MA 02111

CLINICAL GENETICS & METABOLISM  
SERVICES AT FLOATING HOSPITAL FOR  
CHILDREN

Phone: 617-636-5462  
Fax: 617-636-0745

[www.tufts-nemc.org/home/  
departments/pedi/pedgen.htm](http://www.tufts-nemc.org/home/departments/pedi/pedgen.htm)

Services: Pediatric genetic evaluation

OUTREACH SITES:

### **Worcester Medical Center**

Laurie Demmer, MD  
Phone: 617-636-7790

### **St. Anne s Hospital**

Jodi Hoffman, MD  
Fall River, MA  
Phone: 508-235-5285

CENTER FOR PERINATAL DIAGNOSIS

Phone: 617-636-4277  
Fax: 617-636-4273

OUTREACH SITES:

### **Lowell General Hospital**

Maternal-Fetal Medicine Department  
295 Varnum Avenue  
Lowell, MA 01854  
Phone: 978-937-6000  
Fax: 978-937-6809

### **Lawrence General Hospital**

Maternal-Fetal Medicine Department  
46 Prospect Street  
Lawrence, MA 01841  
Phone: 978-683-4000 x 2901  
Fax: 978-946-8184

### **South Shore Hospital**

Maternal-Fetal Medicine Department  
55 Fogg Road  
South Weymouth, MA 02190  
Phone: 781-340-8430  
Fax: 781-340-4344

## **MetroWest Medical Center**

Maternal-Fetal Medicine Department  
115 Lincoln Street  
Framingham, MA 01702  
Phone: 508-383-1436  
Fax: 508-383-1497

### **Melrose/Wakefield Office**

Maternal-Fetal Medicine Department,  
Perinatal Diagnosis  
50 Rowe Street Suite 700  
Melrose, MA 02176  
Phone: 781-662-4688  
Fax: 781-662-5394

### **Women s Medical Arts Building, 3rd floor**

Maternal-Fetal Medicine Department  
85 Herrick Street  
Beverly, MA 01915  
Phone: 978-922-3000 x 4010



**UNIVERSITY OF MASSACHUSETTS  
MEMORIAL MEDICAL CENTER**

55 Lake Avenue North  
Worcester, MA 01605

**GENETICS CLINIC**

Phone: 508-856-3949

Appointment Phone: 508-856-5695

Fax: 508-334-3525

Services: Prenatal, pediatric, cancer and adult genetic counseling

This program provides comprehensive services including diagnosis and management of patients with congenital malformations, genetic syndromes, chromosomal disorders and inborn errors of metabolism. Diagnostic evaluation of children with developmental delay and mental retardation is available. In addition, genetic counseling is provided for individuals, couples and families who may be at a risk for inherited diseases. Specific diagnostic, carrier, and/or prenatal testing is arranged as indicated.

Providers work closely with the Cytogenetics and Molecular Diagnostic Laboratories in the Department of Pathology at the University of Massachusetts Medical Center. Close alliance is also shared with the departments of Neonatology and Perinatal Medicine at the Medical Center of Central Massachusetts.

**OUTREACH SITES:**

**Milford-Whitinsville Regional Hospital**

Women's Pavilion

14 Prospect Street

Milford, MA 01757

Phone: 508-473-1190 x 2859

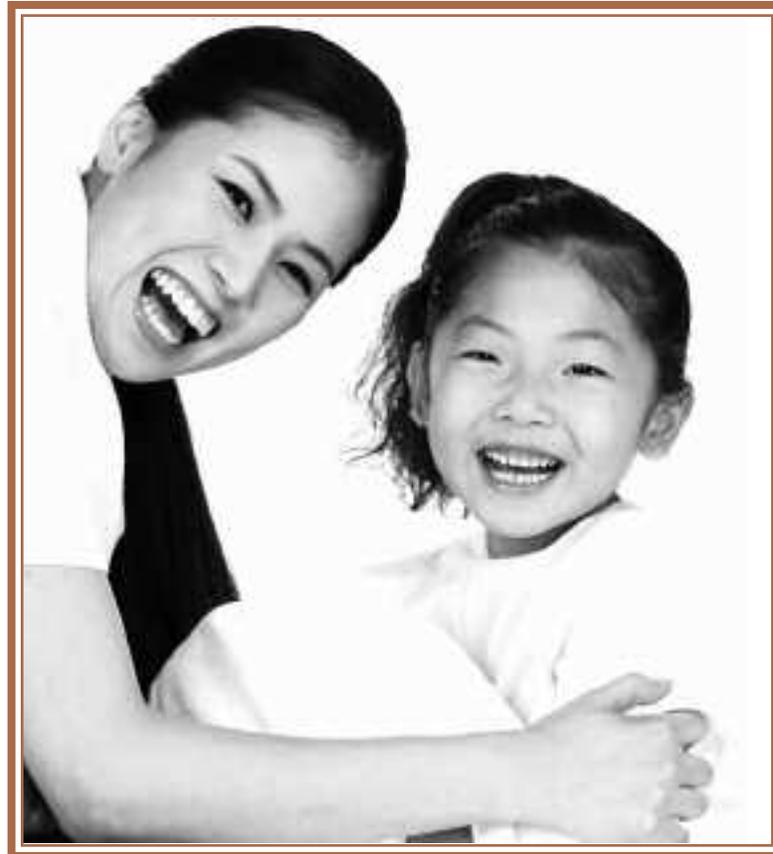
Fax: 508-473-1257

**Health Alliance Hospital**

60 Hospital Road

Leominster, MA 01453

Phone: 978-466-2660



# VIII.

## GENETIC SERVICES: NEW HAMPSHIRE



## **NEW HAMPSHIRE DEPARTMENT OF HEALTH**

Newborn Screening Program  
Marcia Lavochkin, RN BSN  
Program Coordinator  
29 Hazen Drive  
Concord, NH 03301  
Phone: 603-271-4225  
Fax: 603-271-4519  
**[www.dhhs.state.nh.us](http://www.dhhs.state.nh.us) or  
[www.nh.gov](http://www.nh.gov)**

The Newborn Screening Program monitors the blood screening of all infants born in NH for potentially serious disorders and ensures immediate follow-up on abnormal result.

## **DARTMOUTH- HITCHCOCK MEDICAL CENTER**

One Medical Center Drive  
Lebanon, NH 03756

Medical Genetics Clinic: 603-653-6044  
Prenatal Diagnosis Program: 603-653-6025  
Neurometabolism Program: 603-653-9668  
Familial Cancer Program: 603-653-3541  
or 800-639-6918  
Fax: 603-653-3585  
**[http://www.dhmc.org/webpage.cfm?site\\_id=2&org\\_id=136&gsec\\_id=0&sec\\_id=0&item\\_id=3692](http://www.dhmc.org/webpage.cfm?site_id=2&org_id=136&gsec_id=0&sec_id=0&item_id=3692)**

## **ELLIOTT HOSPITAL**

275 Mammoth Road  
Suite One  
Manchester, NH 03109  
Phone: 603-663-8611  
Fax: 603-668-0164  
**[www.elliethospital.org/services/genetic\\_counseling.html](http://www.elliethospital.org/services/genetic_counseling.html)**

Services include cancer genetic counseling, prenatal genetic counseling, pediatric and adult genetic counseling on a limited basis.

## **PREGNANCY ENVIRONMENTAL HOTLINE:**

Phone: 781-466-8474 or 800-322-5041 (in MA)  
(also serves MA, ME and RI)

# IX.

## GENETIC SERVICES: RHODE ISLAND



## **PREGNANCY ENVIRONMENTAL HOTLINE:**

Phone: 781-466-8474 or 800-322-5041 (in MA)  
(also serves ME, NH and RI)

## **RHODE ISLAND DEPARTMENT OF HEALTH**

### **NEWBORN SCREENING PROGRAMS**

3 Capitol Hill, Room 302

Providence, RI 02908-5097

Ellen Amore, MS, Newborn Screening  
Program Manager

Phone: 401-222-4601

Family Health Information Line 1-800-  
942-7434

**[www.health.ri.gov/genetics/  
newborn.php](http://www.health.ri.gov/genetics/newborn.php)**

The Rhode Island Department of Health (HEALTH) has integrated genetics into many different programs. The department has two Genetics Committees. Information is available at **<http://www.health.ri.gov/genetics/committees.php>**

■ Genetics Core Team — Includes representatives from a wide variety of programs involving genetics. The team coordinates implementation of the State Genetics Plan.

■ Genetics Advisory Committee — Meets quarterly to advise the Director of HEALTH on genetic issues.

## **RHODE ISLAND HOSPITAL AND HASBRO CHILDREN'S HOSPITAL**

593 Eddy Street

Providence, RI 02903

### **GENETIC COUNSELING CENTER**

Phone: 401-444-8361

Fax: 401-444-3288

**[www.lifespan.org](http://www.lifespan.org)**

Provides genetic counseling and diagnostic services for children, adults and families with genetic disorders or birth defects. Genetic counseling for hereditary cancer families and cancer risk assessment is provided in collaboration with the Comprehensive Cancer Center at Rhode Island Hospital.

## **CENTER FOR SPECIAL CHILDREN (CSC)**

Phone: 401-444-5685

Fax: 401-444-6115

The Center for Special Children (CSC) at Hasbro Children's Hospital is a site for the evaluation and treatment of children with neurological, developmental, behavioral, metabolic, and genetic disorders.

Specialty providers include Child Neurology, Developmental/Behavioral Pediatrics, Genetics, Metabolic Disorders, Neurosurgery, Neuro-rehabilitation, Orthopedics, Urology, and Psychology. Providers work in collaboration with occupational, physical and speech therapists, as well as social workers and parent consultants.

## **CYSTIC FIBROSIS CENTER**

Phone: 401-793-8560

Fax: 401-793-8561

## **SICKLE CELL AND HEMATOLOGICAL DISORDERS**

Phone: 401-444-5241

Fax: 401-444-3872

## **PEDIATRIC ENDOCRINOLOGY AND METABOLISM**

Phone: 401-444-5504

Fax: 401-444-2534

## **WOMEN AND INFANTS HOSPITAL PRENATAL DIAGNOSIS CENTER**

79 Plain Street

Providence, RI 02903

Phone: 401-453-7510

Fax: 401-453-7517

**<http://www.womenandinfants.com/body.cfm?id=92&action=detail&ref=44>**

The Prenatal Diagnosis Center provides genetic counseling before conception and during pregnancy as well as screening and diagnostic testing during pregnancy. Genetic counselors, nurses and physicians staff the center. Satellite clinics are located at South County Hospital (Wakefield, RI), Charlton Memorial Hospital (Fall River, MA), and New Bedford, MA.

PROGRAM IN WOMEN'S ONCOLOGY

101 Dudley Street  
Providence, RI 02905  
Phone: 401-453-7540  
Fax: 401-453-7785

**[http://www.womenandinfants.com/  
body.cfm?id=187](http://www.womenandinfants.com/body.cfm?id=187)**

Provides cancer risk assessment and prevention counseling at Women and Infants Hospital, Kent Hospital, Westerly Hospital and in New London, Connecticut. Patients receive a comprehensive analysis of their cancer risk based upon medical, familial, and lifestyle factors. A personal approach to cancer prevention may include recommendations for medical screenings, lifestyle modifications, genetic testing and chemopreventive strategies.

*Patients also seen at:*

NEW LONDON CLINIC:

Phone: 860-439-1770  
Fax: 860-447-2854





X.

GENETIC SERVICES: VERMONT



## **VERMONT DEPARTMENT OF HEALTH**

Newborn Screening and Universal  
Newborn Hearing Screening  
Children with Special Health Needs (CSHN)  
P.O. Box 70  
108 Cherry Street  
Burlington, VT 05402  
Newborn Screening Phone: 802-951-5180  
Universal Newborn Hearing Screening  
Phone: 802-865-1330  
Consumer Scholarships Phone: 802-863-7338  
Fax: 802-951-1218

**<http://www.healthyvermonters.info/hi/cshn>**

CSHN also has clinic services including: cardiology, child development, craniofacial/cleft lip and palate, cystic fibrosis, epilepsy and neurology, hand structure and function, hearing outreach program, hemophilia, juvenile rheumatoid arthritis, metabolic, muscular dystrophy, myelomeningocele, orthopedics, and rhizotomy (cerebral palsy).

## **THE VERMONT REGIONAL GENETICS CENTER**

112 Colchester Avenue  
Burlington, VT 05401  
Phone: 802-847-4310  
Fax: 802-847-4664

Offers prenatal, pediatric, adult and cancer genetic counseling and testing, as well as a free teratogen information service.

## **VERMONT PREGNANCY RISK INFORMATION**

Phone: 800-932-4609

