



The University of
North Carolina
at
Chapel Hill

**Public
Health
Grand
Rounds**



Genetics and Public Health: The Future is Now



A Live Interactive
Satellite Broadcast and Webcast

May 4, 2000 2:00 pm - 3:00 pm EDT

Sponsors

School of Public Health, The University of North Carolina at Chapel Hill
Centers for Disease Control and Prevention

www.PublicHealthGrandRounds.unc.edu

What does genetic research have to do with public health? Scientists have clearly established that virtually all human diseases result from the interaction of genetic variations and environmental factors (e.g., diet, infectious agents, and toxic chemicals). Scientific advances in genetics have increased our understanding of this interaction by identifying the genetic variations that contribute to disease risk. These discoveries have opened the door to disease prevention and shed new light on ways to practice public health. Join us as we examine the success and challenges faced by a working screening and treatment program for the inherited disorder of hemochromatosis, a condition of iron overload that is sometimes fatal. We will discuss the ethical, legal, and social implications of gene discoveries in public health. At the conclusion of the program you will be able to determine the impact of genetics research on your role as a public health professional.

Public Health Grand Rounds Goal

To promote a national dialogue among public health leaders and professionals on genetics research and its impact on the practice of public health.

Objectives

Participants will:

- Describe the impact of genetic testing on the health outcomes of individuals, families and society;
- Identify opportunities and barriers for integrating genetics into public health policy and programs; and
- List criteria for evaluating the appropriate use of genetic testing in improving health and reducing health care costs.

Target Audience

Public health leaders, managers, and professionals from local and state health departments, hospitals, clinics, academic institutions, managed care organizations, and others who seek to increase awareness of genetic research and its effect on public health practice.

Faculty

William L. Roper, MD, MPH

Dean, School of Public Health, The University of North Carolina at Chapel Hill

Muin J. Khoury, MD, PhD

Director, Office of Genetics and Disease Prevention, Centers for Disease Control and Prevention

Wylie Burke, MD, PhD

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Clinical Professor, Epidemiology and Health Policy, School of Public Health,
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Registration

To register visit www.PublicHealthGrandRounds.unc.edu. Registration for this program will only be available online. If you do not have Internet access, please seek assistance from a public resource such as a library.

Continuing Education Credit

Continuing education credit will be offered for various professions based on one hour of instruction. **An online registration and evaluation must be completed to receive the appropriate continuing education credit.**

Course Materials

Program handouts will be available at www.PublicHealthGrandRounds.unc.edu on April 28, 2000.

Post-Program On-Line Discussion Forum

An on-line discussion forum will be facilitated by content experts from the Office of Genetics and Disease Prevention beginning May 5, 2000, and ending May 12, 2000. You are invited to ask questions and share your best practices.

Satellite Technical Specifications

Satellite coordinates for this course will be available on this web site no later than April 28, 2000. Sites registering via the Internet at www.PublicHealthGrandRounds.unc.edu will automatically receive the coordinates. For other sites, updates will be provided at this address.

Public Health Grand Rounds Series

The program sponsors and partners invite you to participate in this satellite broadcast, one of a series of electronically convened, interactive grand rounds that focus on contemporary, strategic public health issues. Through in-depth analysis of real world health issues by experts in the science and practice of public health, these programs will provide a forum through which health professionals and others can develop timely, reasoned, and productive responses to public health challenges of regional, national, and global significance.

Partners

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National Association of County and City Health Officials





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Public Health
Grand Rounds**

***Asthma and Its
Environmental
Causes***

**September 29,
2000
2:00 pm to 3:00 pm**