



Mayo School of Continuing Medical Education

GENOMICS IN EVERYDAY MEDICAL PRACTICE

October 10-11, 2008

*Millennium Knickerbocker Hotel
Chicago, IL*

**Supported in part by the George M. Eisenberg Foundation
for Charities, Chicago, IL**



COURSE DESCRIPTION

*Genomic medicine is here.
Are you keeping pace?*

The use of genomic information has changed the practice of medicine. The primary care provider must be familiar with the latest genomic evaluations and diagnostic strategies to provide the best care for their patients. Attend this course to learn what you need to know of this rapidly changing area of primary care medicine. There is much media attention regarding genomics and “individualized medicine.” Don’t be stumped by patients who ask you about genetic tests and treatments that they learn about from the Internet, newspapers, or magazines. Attend this course and move into the primary care practice of genomic medicine today!

COURSE LEARNING OBJECTIVES

Upon conclusion of this program, participants should be able to:

- Explain the use of medical genomics information in clinical practice.
- Identify patients who would benefit from a discussion of available genetic testing.
- Discuss the ethical, legal and societal issues associated with the use of genetic information.
- Verbalize the necessary components of genetic counseling.

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

INTENDED AUDIENCE

Primary care providers who have an interest in the application of medical genomics in clinical practice.

CREDIT

College of Medicine, Mayo Clinic is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

College of Medicine, Mayo Clinic designates this educational activity for a maximum of 15.75 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This activity has been reviewed and is acceptable for up to 15.75 Prescribed credits by the American Academy of Family Physicians.

NSGC has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET). **NSGC is authorized by IACET to offer up to 1.62 CEUs or 16.25 contact hours (Category 1) for Genomics in Everyday Medical Practice.** The American Board of Genetic Counseling (ABGC) will accept CEUs earned at this program for the purposes of certification and recertification.

Other Health Care Professionals

A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

DATE AND LOCATION

Genomics in Everyday Medical Practice will be held October 10-11, 2008. Course headquarters will be located at the Millennium Knickerbocker Hotel in the Crystal Ballroom.

REGISTRATION

To register online, visit <http://www.mayo.edu/cme/oct2008.html>, or complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive course syllabus, continental breakfasts, break refreshments, and lunches. Although it is not Mayo School of CME policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

CANCELLATION POLICY

If you cancel your participation in this course, your registration fee, less a \$75 administrative fee, will be refunded when written notification is received by Mayo School of CME before **September 26, 2008** (fax#: 507-284-0532). No refunds will be made after **September 26, 2008**.

Mayo School of CME reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CME must cancel or postpone this course, Mayo School of CME will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

TRAVEL

Chicago's O'Hare International Airport offers more connections to more cities, more often than any other airport in the world. It is located 17 miles northwest of downtown Chicago. Midway Airport, smaller than O'Hare but used by an increasing number of domestic airlines, is 11 miles southwest of downtown. Trains, taxis, express bus and van service, as well as rental cars are available at each airport.

Travel arrangements are the sole responsibility of the individual registrant.

LODGING ACCOMMODATIONS

The Millennium Knickerbocker Hotel (course headquarters) is situated on Chicago's famed Magnificent Mile located near Water Tower Place, John Hancock Tower and Navy Pier. The historic Millennium Knickerbocker is easily accessible from all major Chicago land expressways and is a short 30-minute taxi ride from O'Hare International and Midway airports.

Guest rooms have been reserved for attendees and their guests with special course rates. In order to receive the special rate, *reservations must be made before the room block is*

filled or before the expiration date of September 9, 2008, whichever comes first. Reservations will be taken following this date based on space and rate availability. Please identify yourself as a participant of the *Genomics in Everyday Medical Practice* when making your reservation.

Millennium Knickerbocker Hotel

163 East Walton Place
Chicago, IL 60611
(800)-621-8140 or (312)-751-8100
<http://www.millenniumhotels.com/millenniumchicago>

Rate: \$249 Single/Double

FACULTY

Course Directors

Matthew E. Bernard, M.D.
William P. Cheshire, Jr., M.D.
Katherine S. Hunt, M.S., C.G.C.
Donald W. Northfelt, M.D.

Guest Faculty

Eugene Pergament, M.D., Ph.D.
Northwestern Memorial Hospital
Chicago, IL

Mayo Clinic Faculty

Linnea M. Baudhuin, Ph.D.
Matthew E. Bernard, M.D.
Lisa A. Boardman, M.D.
William P. Cheshire, Jr., M.D.
Jay W. Ellison, M.D., Ph.D.
Dimitar K. Gavrilov, M.D., Ph.D.
Jennifer L. Hand, M.D.
Katherine S. Hunt, M.S., C.G.C.
Robert B. Jenkins, M.D., Ph.D.
Fred Kusumoto, M.D.
Dietrich Matern, M.D.
Donald E. McAlpine, M.D.
Ruben A. Mesa, M.D.
Donald W. Northfelt, M.D.
Ronald C. Petersen, M.D., Ph.D.
Leslie A. Rudzinski, M.D.
Ashley VanDenBoom, M.S.
Eric D. Wieben, Ph.D.
Carrie A. Zabel, M.S., C.G.C.

PROGRAM

FRIDAY, OCTOBER 10, 2008

- 7:00 a.m. Registration and Continental Breakfast
- 7:45 a.m. Welcome
Matthew E. Bernard, M.D.
- 8:00 a.m. Medical Genomics – The Basics
Eric D. Wieben, Ph.D.
- 8:45 a.m. Genetic Testing: What is the Role of the Primary Care Physician?
Jay W. Ellison, M.D., Ph.D.
- 9:30 a.m. Break
- 9:45 a.m. Genetic Ethics at the Bedside
William P. Cheshire, Jr., M.D.
- 10:30 a.m. Assessing Genetic Risk Through the Family History
Carrie A. Zabel, M.S., C.G.C.
- 11:15 a.m. Genomic Counseling
Katherine S. Hunt, M.S., C.G.C.
- 12:00 noon Panel Discussion
- 12:30 p.m. Lunch
- Cardiovascular Genomics**
- 1:30 p.m. To Know or Not to Know? Genomics for Cardiomyopathies and Arrhythmias
Fred Kusumoto, M.D.
- 2:15 p.m. Genetics as a Tool to Predict Atherosclerosis and Coronary Artery Disease
Linnea M. Baudhuin, Ph.D.
- 3:00 p.m. Break
- Genomics in Obstetrics and Pediatrics**
- 3:15 p.m. Prenatal Screening and Diagnosis
Ashley VanDenBoom, C.G.C.
- 4:00 p.m. Newborn Screening - History and Increasing Impact on Medical Practice
Dietrich Matern, M.D.
- 4:45 p.m. Inherited Metabolic Disorders
Dimitar K. Gavrilov, M.D., Ph.D.

- 5:30 p.m. Panel Discussion
- 6:00 p.m. Adjourn

SATURDAY, OCTOBER 11, 2008

- 7:00 a.m. Registration and Continental Breakfast
- 7:45 a.m. Introduction to Day
- Cancer Genomics**
- 8:00 a.m. Genomic Analysis Drives 21st Century Breast Cancer Care
Donald W. Northfelt, M.D.
- 8:45 a.m. Hereditary Colorectal Cancer Syndromes: Using Genetics to Guide Clinic Care
Lisa A. Boardman, M.D.
- 9:30 a.m. Break
- 9:45 a.m. How Genetics is Changing Hematology
Ruben A. Mesa, M.D.
- 10:30 a.m. Cutaneous Clues to Internal Cancer
Jennifer L. Hand, M.D.
- 11:15 a.m. Prostate Cancer and Gliomas
Robert B. Jenkins, M.D., Ph.D.
- 12:00 noon Patient panel
- 12:30 p.m. Lunch
- Neurology and Psychiatry**
- 1:30 p.m. The Use of Genotypic Screening to Make Clinical Decisions About Antidepressant Medication
Donald E. McAlpine, M.D.
- 2:15 p.m. Dementia Genetics for Primary Care
Ronald C. Petersen, M.D., Ph.D.
- 3:00 p.m. Break
- 3:15 p.m. The Genetics of Epilepsy
Leslie A. Rudzinski, M.D.
- 4:00 p.m. Genomics Medicine at the End of the 21st Century
Eugene Pergament, M.D., Ph.D.
- 4:45 p.m. Question and Answer
- 5:15 p.m. Adjourn

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Mail or FAX form with payment to:

Mayo School of Continuing Medical Education
 Plummer 2-60
 200 First Street SW
 Rochester, MN 55905

Phone 800-323-2688 or 507-284-2509
 FAX 507-284-0532
 E-mail cme@mayo.edu
 Web site www.mayo.edu/cme

Register online at www.mayo.edu/cme/oct2008.html

Contact Information (Please print or type all information. You may duplicate this form for multiple registrations.)

Name of Registrant - first name, middle name or initial, and last name		Degree - select all that apply <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> PhD <input type="checkbox"/> PA <input type="checkbox"/> NP <input type="checkbox"/> RN <input type="checkbox"/> Other - specify	
Name of Institution		Medical Specialty	
Preferred Mailing Address - select one <input type="checkbox"/> Work/Business <input type="checkbox"/> Home			
Work/Business Address - street address		Work Phone - include all country and city/area codes as needed along with complete phone number	
City	State or Province	ZIP or Postal Code	Country
Home Address - street address		Home Phone - include all country and city/area codes as needed along with complete phone number	
City	State or Province	ZIP or Postal Code	Country
E-mail Address	FAX - include all country and city/area codes as needed along with complete phone number	FAX Location - select one <input type="checkbox"/> Work/Business <input type="checkbox"/> Home	
<div style="background-color: #0056b3; color: white; padding: 2px; display: inline-block;">SPECIAL NEEDS</div> If you have special assistance needs or dietary restrictions, describe here:			

Registration Fee

	Before 9/3/08	After 9/3/08	
Physicians/Scientists	\$ 450	\$500	\$ _____
Residents, Physician Assistants and Nurse Practitioners	\$ 350	\$400	\$ _____
<input type="checkbox"/> I would like to receive NSGC Category 1 CEU		\$25	\$ _____

Payment Information

<input type="checkbox"/> Check is enclosed in the amount shown at right - make checks payable to Mayo Clinic			Payment Total
Credit Card - select one <input type="checkbox"/> Discover <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa	Account Number	Exp Date - mm/yy	
Name of Cardholder - as it appears on the card	Signature of Cardholder - required X		



200 First Street SW

Rochester, Minnesota 55905

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Additional Information:

Requests for additional information should be sent to the attention of the CME Registrar, Mayo School of Continuing Medical Education via email at cme@mayo.edu or FAX to 507-284-0532.

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please give this brochure to an interested colleague.**