COURSE HIGHLIGHTS

• **Plenary Presentation by:** Richard H. Carmona, M.D., M.P.H., FACS – 17th Surgeon General of the United States
• Patient Panel Discussions
• Concurrent Afternoon Breakout Sessions

$75 DISCOUNT for on-line registration through August 25, 2009!

www.mayo.edu/cme

Mayo Clinic
Ashton B. Taylor Auditorium
Scottsdale, Arizona

Friday – Saturday
September 25-26, 2009
COURSE HIGHLIGHTS
The use of genomic information has changed the practice of medicine. Primary care providers, genetic counselors, physician assistants, nurse practitioners, and nurses must be familiar with the latest genomic evaluations and diagnostic strategies to provide the best care for their patients.

Do not 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 to learn what you need to know of this rapidly changing area of primary care medicine.

COURSE LEARNING OBJECTIVES
Upon completion of this course, 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.

DISCLAIMER
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.

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 13 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.
This program has been approved by the American Osteopathic Association for 13 hours of 2A accreditation.

Genetic Counselor CEUs: This event has been submitted to the National Society of Genetic Counselors (NSGC) for approval of Category 1 CEUs. The American Board of Genetic Counseling (ABGC) accepts CEUs approved by NSGC for purposes of recertification. Approval for the requested CEUs and Contact Hours is currently pending.

EDUCATIONAL GRANTS
This course is supported in part by educational grants, in accordance with ACCME standards.
As of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the meeting.
Exhibits will be available for viewing at all scheduled breaks.

MEETING LOCATION & ACCOMMODATIONS
Mayo Clinic, Ashton B. Taylor Auditorium
13400 East Shea Boulevard, Scottsdale, AZ 85259

Hotel rooms near the clinic are limited. For your convenience, hotel accommodations are available at two locations near Mayo Clinic. Both locations offer shuttle service to and from Mayo Clinic. To receive the special rate, you must make reservations before the room block is filled on the expiration date of August 27, 2009. Reservations will be taken following this date based upon resort room availability, at the contracted meeting rate. Group rates will be honored 3 days prior and 3 days following the course dates, based upon space availability. Be sure to state that you are attending Mayo Clinic Genomics.

Scottsdale Courtyard Marriott at Mayo Clinic: www.Marriott.com/PHXMY, located at 13444 E. Shea Boulevard, Scottsdale, AZ 85259

Room Rate: $55 single or double occupancy per night - call (480) 860-4000 or (888) 236-2427.
Nestled in the great Sonoran Desert, the newly renovated Scottsdale Mayo Clinic Courtyard is an oasis in northeast Scottsdale, and is located on the Mayo Clinic campus. The smart and stylish décor awaits the business and leisure traveler with all the comforts, amenities and friendly service designed to exceed expectations. Our spacious rooms offer complimentary high-speed Internet access, refrigerators, 25-inch TV with remote, and coffeemakers. The on-site restaurant/lounge is open Sunday-Friday for breakfast, lunch, and dinner (soups, sandwiches, steak, pastas and more), and for breakfast only on Saturday. Also available is the 24-hour market that offers snacks, drinks, sundries and unique gift items.
Inn at Eagle Mountain: [www.innateaglemountain.com](http://www.innateaglemountain.com), call for nightly rates located seven minutes away from the Mayo Clinic, at 9800 North Summer Hill Boulevard, Fountain Hills, AZ 85268; telephone number: call (480) 816-3000 or (800) 992-8083.

Attendees are responsible for their own reservations. The hotel’s reservation cancellation policy will apply will apply to individual reservations, unless otherwise specified.

In case of an emergency, you may be reached at the conference by calling (480) 301-8000.

**RECREATION/LEISURE ACTIVITIES**

Visit [www.visithoenix.com](http://www.visithoenix.com) or [www.scottsdalecvb.com](http://www.scottsdalecvb.com) for additional recreation and leisure activities.

**TRANSPORTATION**

Ground Transportation: Hertz is offering a reduced daily rate for participants attending the course. Call (800) 654-2240 and refer to CV Number 03NR0004 when making reservations. Supershuttle vans offer airport transportation to and from the hotel. To make reservations, call (800) 258-3826 or (602) 244-9000.

**PROGRAM**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>7:45</td>
<td>Welcome Announcements/Introduction</td>
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<tr>
<td></td>
<td>Donald W. Northfelt, MD</td>
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<tr>
<td>8:00</td>
<td>The Surgeon General’s Family History Initiative: The Foundation for Improving Genomic Literacy Nationally</td>
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<td>Richard H. Carmona, MD, MPH, FACS</td>
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<tr>
<td>9:00</td>
<td>Medical Genomics – The Basics</td>
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<td>Eric D. Wieben, PhD</td>
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<td>9:20</td>
<td>Top 3 Hereditary Pediatric Conditions Not to Miss in Primary Care</td>
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<td>Kirk A. Aleck, MD</td>
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<tr>
<td>9:40</td>
<td>Don’t Be Thrombo-Neurotic! A Rational Approach to Hereditary Hypercoagulable States for Primary Care</td>
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<td>Joseph R. Mikhael, MD</td>
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<td>10:00</td>
<td>Panel Discussion (Q&amp;A)</td>
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<td>10:20</td>
<td>Break</td>
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<tr>
<td>10:40</td>
<td>Newborn Screening: Groundbreaking Interventions for Public and Personal Health</td>
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<td>Dietrich Matern, MD</td>
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<tr>
<td>11:00</td>
<td>Top 3 Hereditary Adult Conditions Not to Miss in Primary Care</td>
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<td>Jay W. Ellison, MD, PhD</td>
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<td>11:20</td>
<td>Clearing Up the Confusion: Genetics of Dementia for Primary Care</td>
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<td>Ronald C. Petersen, MD, PhD</td>
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<td>11:40</td>
<td>Panel Discussion (Q&amp;A)</td>
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<tr>
<td>Noon</td>
<td>Lunch</td>
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<tr>
<td>1:00 PM</td>
<td>Surfing the Genome: Internet Resources for the Primary Care Physician</td>
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<td>Jay W. Ellison, MD, PhD</td>
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<tr>
<td>1:20</td>
<td>Effective Family History: Keys to Unlocking the Genomic Door to Health</td>
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<td>Matthew E. Bernard, MD</td>
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<td>1:40</td>
<td>What Really Happens During a Prenatal Genetic Counseling Session</td>
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<td>Katherine S. Hunt, MS, CGC</td>
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<td>2:00</td>
<td>Leopards, Panthers and One-eyed Sheep: New Thoughts About Skin Cancer in the Genomics Era</td>
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<td>David L. Swanson, MD</td>
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<td>2:20</td>
<td>Panel Discussion (Q &amp; A)</td>
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<td>2:40</td>
<td>Break</td>
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<td>3:00</td>
<td>Concurrent Breakout Sessions: Meet the Expert</td>
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<td>1. Difficult Family History</td>
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<td>2. Difficult Pediatric Cases</td>
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<td>3. More Internet Resources for the Primary Care Physician</td>
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<tr>
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<td>Drs. Aleck, Bernard, Ellison</td>
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<tr>
<td>4:30</td>
<td>Adjourn</td>
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</tbody>
</table>
Continental Breakfast / Announcements

Genomics Drives 21st Century Breast Cancer Care
Donald W. Northfelt, MD

8:20
Genotypic Testing Refine Selection and Dosing of Antidepressant Therapies
Donald E. McAlpine, MD

Ethical Considerations for Primary Care in the Genomics Era
William P. Cheshire, MD

9:00
Panel Discussion (Q & A)

9:20
Break

9:40
Patient Panel Discussion
Moderator: Kirk A. Aleck, MD

10:40
Legal Issues in Primary Care Genomic Medicine
Gary E. Marchant, PhD, JD

11:00
The Most Important Genomic Tool for Your Practice
Katherine S. Hunt, MS, CGC

11:20
Colorectal Cancer/Polyposis Genetic Syndromes Not to Miss in Primary Care
Suryakanth R. Gurudu, MD

11:40
Panel Discussion (Q & A)

Noon
Lunch

1:00 PM
Concurrent Breakout Sessions: Meet the Expert
1. Difficult Family History
2. Difficult Pediatric Cases
3. More Internet Resources for the Primary Care Physician
Drs. Aleck, Bernard, Ellison

2:30
Nature vs. Nurture: Diabetes Genomics for Primary Care
Lori R. Roust, MD

2:50
Cardiovascular Genomics for Primary Care
Arshad Jahangir, MD

3:10
Panel Discussion (Q & A)

3:30
Adjourn

Matthew E. Bernard, MD*
William P. Cheshire, MD*
Jay W. Ellison, MD, PhD
Suryakanth R. Gurudu, MD
Katherine S. Hunt, MS, CGC*
Arshad Jahangir, MD
Dietrich Matern, MD
Donald E. McAlpine, MD

Joseph R. Mikhael, MD
Donald W. Northfelt, MD*
Ronald C. Petersen, MD, PhD
Lori R. Roust, MD
David L. Swanson, MD
Eric D. Wieben, PhD

* Course Co-Directors

Kirk A. Aleck, MD
Director of Clinical Genetics
CHC Phoenix Genetics Program
St. Joseph’s Hospital and Medical Center

Richard H. Carmona, MD, MPH, FACS
17th Surgeon General of the United States
(2002-2006)
Vice Chairman, Canyon Ranch
President, Canyon Ranch Institute
Distinguished Professor,
Zuckerman College of Public Health,
University of Arizona

Gary E. Marchant, PhD, JD
Lincoln Professor of Emerging Technologies,
Law & Ethics,
Sandra Day O’Connor College of Law
Arizona State University

As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of CPD) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, Faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.
**REGISTRATION FORM**

**Genomics in Everyday Medical Practice**  
**Mayo Clinic, Scottsdale, Arizona**

Registration at the standard fee, noted below, may be completed using this form and faxing it to (480) 301-8323. Or you can mail it to: Mayo Clinic, Mayo School of CPD, 13400 East Shea Boulevard, Scottsdale, Arizona 85259.

An e-mail confirmation will be sent upon receipt of payment and completed registration. If you do not receive your confirmation, or if you have any questions, please e-mail us at mca.cme@mayo.edu or call (480) 301-4580.

No refund will be granted unless a written notice of cancellation is received. If registration must be canceled, tuition less a $75 administrative fee will be refunded when notification is received on or before September 4, 2009. No refunds will be made after this date.

Although it is not Mayo Clinic’s policy to limit the number of registrants for a course, conference room facilities may necessitate closure of enrollment. Early registration is strongly recommended. Walk-in registrations cannot be guaranteed. Mayo Clinic will not be responsible for expenses incurred by individuals who are not confirmed for courses with a closed registration status. Costs incurred by the registrant such as airline/hotel fees or penalties are the responsibility of the registrant.

...continued from back of form...

Your type of practice: □ Solo □ Group □ University □ Resident/Fellow □ Retired □ Other: __________

Years in practice: □ 0-4 □ 5-10 □ 11-15 □ 16-25 □ > 25

Course Registrant List (Check only if you want your name removed)

□ I do not want information (ie, name, degree, city, and state) to appear on the course registrants’ list.

---

**Registration Information**

**Name of Registrant** – first, middle, and last name  
**Institution**

**Degree/Certification**  
**Medical Specialty**

**Preferred mailing address is:** (select one)  
□ Work/Business  
□ Home

**Address**

**City**  
**State/Province**  
**ZIP/Postal Code**

**Country**  
**Email**

**Daytime Telephone**  
**Fax**

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**Course Registration Fee:**

□ Physicians Active in Practice $500 $ __________

□ Other (Resident, retired and allied health) $400 $ __________

*Note: Please refer to course agenda for included meals and refreshment breaks.*

□ I would like to receive NSGC Category 1 CEUs $25 $ __________

□ Yes — I would like to order a paper copy of the course syllabus $75 $ __________

*Note: Due to printing deadlines, this option will not be available after September 11, 2009*

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**Payment Information**  
(US Funds Only)

□ Check is enclosed in the amount shown at right – make checks payable to Mayo Clinic CPD  
**Payment Total**

□ Discover □ MC □ Visa  
**Payment Total**

**Signature**

**Date**

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**ON-LINE SYLLABUS:** Your registration fee includes access to a on-line detailed syllabus, available one week prior to the course. If you want to order a paper copy (for a fee), check the box at the bottom of this registration form.

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**2009S356**

AMA/AAFP/AOA/NSGC
Mark Your Calendar for these Upcoming CPD Opportunities:

Internal Medicine Update – October 1-4 and October 15-18, 2009

22nd Annual Advanced Techniques in Endoscopic & Robotic Gynecologic Surgery
October 5-10, 2009

Update in Hospital Medicine
November 4-7, 2009

22nd Annual Epilepsy Update
November 7, 2009

4th Annual Practical Course in Dermoscopy and
Update on Malignant Melanoma
December 4-6, 2009

New courses are added as they become available. Check MSCPD’s Website regularly.
http://www.mayo.edu/cme/

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