

NEW CME PROGRAM FROM ACMG!

ACMG Unveils the *Using Databases to Interpret Cytogenomic Arrays* CME Program



Technologies that allow for the evaluation of the entire human genome have become increasingly inexpensive and show great promise in clinical application. Among the first of these technologies to move into the practitioner's clinic are the cytogenomic or chromosomal arrays that detect changes in copy number of genetic material throughout the human genome. Rare and new variations have been a part of cytogenetic analysis since its inception in the 1970s. New technologies now allow the identification of structural changes in human chromosomes at levels of resolution not previously possible, and with these, another level of rare and previously undetected variation is being detected.

After several years of development and thousands of hours of work, ACMG has unveiled the new, highly anticipated, Web-based educational CME program to help genetics and health experts interpret copy number variations, *Using Databases to Interpret Cytogenomic Arrays*.

Does Your University Have a Medical Genetics Student Interest Group?

Introducing the ACMG Student Interest Group Programs: this new program offers targeted resources and educational materials and opportunities as well as exposing trainees to the opportunities and cutting-edge technologies that medical genetics and genomics can offer.

The *Using Databases to Interpret Cytogenomic Arrays* program is designed to help genetics professionals to:

- interpret rarely encountered copy number variations
- confirm the interpretations of copy number variations provided in laboratory reports of results,
- understand the phenotypic variations associated with different copy number variations

The primary target audience includes:

- medical and clinical geneticists interested in confirming cytogenomic array results
- clinical cytogenetics and molecular genetics laboratory directors
- medical genetics fellows, trainees and students
- genetic counselors

The American College of Medical Genetics and Genomics (ACMG) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The ACMG designates this activity for up to 6 hours of *AMA PRA Category 1 Credit™* toward completion of the AMA Physician's Recognition Award.

The *Using Databases to Interpret Cytogenomic Arrays* program has been planned and implemented in accordance with the Essential Areas and the policies of the ACCME through the ACMG.

Using Databases to Interpret Cytogenomic Arrays was funded, in part, by the ACMG Foundation. To register, go to the ACMG website at www.acmg.net, click on the Education tab, and select "Cytogenomic Array."

By participating in this program, your institution will optimize two-way communication between the ACMG and your medical genetics trainees.

Visit the ACMG's Students page at www.acmg.net for participating institutions and to learn how your institution can become part of this exciting new program.

ACMG Foundation launches

2012 SUMMER GENETICS SCHOLARS PROGRAM



According to the Royal College of Physicians in the United Kingdom, there should be one full-time equivalent (FTE) clinical geneticist per 250,000 citizens. Following the most recent certification cycle in the United States, there is only one FTE clinical geneticist per approximately 600,000 Americans—less than half of the minimum needed to serve the country adequately!

The ACMG Foundation and ACMG would like to thank everyone who has contributed to the 2012 Summer Genetics Scholars Program. This program introduces rising second-year medical students to the most diverse and exciting field in medicine today—medical genetics and genomics.

The purpose of the 2012 ACMG Foundation Summer Genetics Scholars Program is to engage highly qualified medical students in hands-on experiences in the exciting variety of work settings within the field of medical genetics and genomics—clinical and laboratory medicine, research, and services. Our goal is to foster interest in medical genetics and genomics as a career.

The ACMG Foundation is immensely grateful to Ucylyd Pharma for generously being the lead contributor to this important program. We would also like to thank Abbott and Amicus Therapeutics for their additional support. The

Summer Genetics Scholars Program would not happen without the support of our donors and Corporate Partners.

For more information about the Summer Genetics Scholars Program participating institutions, please visit the ACMG Foundation website, www.acmgfoundation.org.

Congratulations to the 2012 Summer Genetics Scholars participating institutions

Cedars-Sinai Medical Center
Children's Hospital Boston
Children's National Medical Center
Emory University School of Medicine
George Washington University
Greenwood Genetic Center-Greenwood
Oregon Health & Science University
Phoenix Children's Hospital
Tufts University Medical Center
Tulane University
University of Alabama Birmingham
University of California—San Francisco
University of California—Los Angeles
University of Maryland School of Medicine
University of Miami
University of Michigan
University of North Carolina—Chapel Hill
University of Pittsburgh
University of Washington
Wayne State University/Detroit Medical Center