

## ***Genetics in Primary Care (GPC): A Faculty Development Initiative***

The ***Genetics in Primary Care (GPC): A Faculty Development Initiative*** is a contract funded in 1998 by the Maternal and Child Health Bureau, and the Bureau of Health Professions of the Health Resources and Services Administration (HRSA) with co-funding from:

- National Human Genome Research Institute, National Institutes of Health
- Agency for Healthcare Research and Quality

### **GOAL OF GPC**

***To enhance the ability of faculty to incorporate the clinical application of genetic information into undergraduate and graduate primary care medical education***

GPC's Scope of Work is to plan, implement, and evaluate outcomes of training programs in genetics. GPC training programs target family medicine, general internal medicine and general pediatrics faculty.

During the first phase (18 months) of the GPC, an interdisciplinary GPC Executive Committee and Advisory Committee representing 37 organizations (see attached list) engaged in considerable discussion concerning the design of the GPC Training Program. A ten-member Genetics Education Consultant Committee has brought genetics education expertise to the Project. An external evaluation team from the Medical College of Wisconsin is conducting an evaluation of the Program, using the CIPP model of examining context, input, process and product.

At the beginning of Phase II of the project, a competitive process was used to select twenty faculty teams from across the country to participate in the GPC Training Program. Objectives of the GPC Training Program are:

- ◆ To increase the number of primary care (family medicine, general internal medicine, and general pediatrics) physician faculty in the United States who are trained to conduct faculty development and training activities in genetics in a culturally competent manner with other primary care faculty responsible for the education of medical students and training of primary care residents;
- ◆ To train a mix of primary care faculty including faculty whose primary responsibilities are clinical teacher, teacher/researcher/administrator, or leader;
- ◆ To develop varying models for faculty development in genetics for primary care faculty which address various faculty whose roles are clinical teacher, teacher/researcher/administrator, or leader;
- ◆ To develop a primary care faculty development curriculum in genetics which: a) is adaptable to a variety of settings with primary care faculty responsible for educating medical students and/or training primary care residents; b) enables primary care faculty to teach content and concepts which are at the core of the contextual interface between genetics and primary care; and c) is attentive to issues of cultural and ethnic diversity.

Key elements of the GPC Training Program:

- ◆ Train-the-trainer program for twenty faculty teams
- ◆ Two training sessions for faculty teams, one held October 2000 and the second held April 2001
- ◆ Between and following the two training sessions, teams implement faculty development activities at home institutions or programs
- ◆ Executive, Advisory, Genetics Education Consultant Committee teams conducted site visits to faculty teams between two training sessions (visits conducted February – April 2001)
- ◆ Faculty teams have provided feedback critical to improving the GPC Training Program and the GPC Curriculum.

### **Current Status**

#### *GPC External Evaluation*

- GPC External Evaluation Team is continuing collection of data pertinent to outcomes of twenty teams' participation in the GPC Training Program

#### *GPC Curriculum*

- The GPC Curriculum has been revised according to input received through participants of the GPC Training Program
- The September 2001 revision of the GPC Curriculum will soon be available at: *Genes-r-us.uthscsa.edu*
- Future revisions to the GPC Curriculum are planned through a separate contract under the leadership of the Director of the GPC Training Program

### **Continuation of Phase II of GPC Activity**

Based on input received from the GPC Advisory Committee and GPC faculty team members, information from site visit reports, and from GPC External Evaluation Team reports, Phase II activity of the GPC has been extended for twelve months. The purpose of this continuation of Phase II is to develop collaborative products which will enhance faculty development activities at teams' home institutions and also be of potential national benefit.

These GPC Products to be developed will focus on

- ✓ Family history taking
- ✓ Red flags
- ✓ Cultural competency
- ✓ Evidence-base for genetics in primary care

Following completion of Phase II, recommendations to the Federal government will be made during Phase III by the GPC Executive Committee with input from the Advisory Committee.

*The GPC is administered by the Society of Teachers of Family Medicine. For more information, contact the Project Manager, Ardis K Davis, MSW (425-423-0922; [Ardisd7283@aol.com](mailto:Ardisd7283@aol.com)) or the Federal Project Officer, Michele Puryear, MD PhD (301-443-1080; [MPuryear@hrsa.dhhs.gov](mailto:MPuryear@hrsa.dhhs.gov)). **11/01 update***

## *GPC Advisory Committee Organizations and Liaisons*

### **ORGANIZATIONS**

#### PRIMARY CARE ORGANIZATIONS

##### *Family Medicine*

Society of Teachers of Family Medicine  
American Academy of Family Physicians  
Society of Teachers of Family Medicine Group on Predoctoral Education  
Association of Departments of Family Medicine  
Association of Family Practice Residency Directors  
American Board of Family Practice

##### *Internal Medicine*

Society of General Internal Medicine  
American College of Physicians-American Society of Internal Medicine  
Clerkship Directors in Internal Medicine  
Association of Professors of Medicine  
Association of Program Directors in Internal Medicine  
American Board of Internal Medicine

##### *Pediatrics*

Ambulatory Pediatric Association  
American Academy of Pediatrics  
Council on Medical Student Education in Pediatrics  
Association of Medical School Pediatric Department Chairmen  
Association of Pediatric Program Directors  
American Board of Pediatrics

##### *Osteopathy*

American Osteopathic Association  
American Association of Colleges of Osteopathic Medicine  
American College of Osteopathic Family Physicians

##### *Other*

Medicine-Pediatric Program Directors Association

#### GENETICS ORGANIZATIONS

American College of Medical Genetics  
American Society of Human Genetics  
Alliance of Genetic Support Groups  
Association of Professors of Human Genetics

## SPECIALTY ORGANIZATIONS

American College of Obstetricians and Gynecologists  
Association of Professors of Gynecology and Obstetrics  
Association of Teachers of Preventive Medicine

## OTHER ORGANIZATIONS

American Medical Association  
American Medical Student Association  
National Medical Association  
National Hispanic Medical Association  
Asian and Pacific Islander American Health Forum  
Association of American Medical Colleges  
Association of Schools of Public Health  
American Association of Health Plans

## *LIAISONS*

National Human Genome Research Institute, National Institutes of Health  
Agency for Healthcare Research and Quality  
Centers for Disease Control and Prevention