Genomic Healthcare Branch

**MISSION:** Promote the effective integration of genomic discoveries into healthcare

- Inform research needs in application and implementation research at the NHGRI and beyond
- Promote the development and evaluation of tools that enable healthcare providers to take more effective advantage of advances in genomics
- Promote genetics literacy among the full spectrum of healthcare providers and their patients
- Serve as a liaison between the healthcare community and the NHGRI on emerging genomic technologies in reshaping healthcare

**Genomic Education Resources**

**Genetics/Genomics Competency Center (G2C2)**
- Repository of high quality genomics educational resources
- Discipline-specific collections; Pharmacist collection: 81 resources
- Resources vetted and mapped to published genomic competencies by Editorial Board of genomic educators

**The Global Genetics and Genomics Community (G3C)**
- Bilingual collection of unfolding video-based case studies
- For use with students and practicing healthcare providers
- Cases include:
  - Consideration of codeine use after tonsillectomy for pain management with mother of two siblings
  - Patient who experienced moderate chest pain and nosebleed a few days after stopping use of clopidogrel
  - Mobile-friendly trusted resource
  - Targets multiple audiences
  - Consumer
  - Health Professionals
  - Extensive links to internal and external resources

**NHGRI Website: Health section**
- Extensive links to internal and external resources
- Examples:
  - "Navigating the Regulatory and Compliance Environment in Clinical Laboratory Testing", Victoria Pratt, Ph.D., Director, Pharmacogenomics laboratory, Indiana University School of Medicine.

**Courses**

**NHGRI Short Course in Genomics: Nurse, Physician Assistant and Faculty Track**
- Learn best practices from leaders in genomics education for health professionals.
- Participate in interactive sessions with attendees and presenters.
- Review existing curricula for ways to incorporate genetics/genomic content.
- Explore successful models in which genomics/genetics have been integrated into practice.

**Webinars for Health Insurers and Payers: Understanding Genetic Testing**
- Educational webinar series for insurer staff to facilitate the implementation of genomic medicine.
- Example: "Navigating the Regulatory and Compliance Environment in Clinical Laboratory Testing".

**Collaborations**

**Inter-Society Coordinating Committee for Practitioner Education in Genomics (ISCC)**
- Facilitates interactions among healthcare professional societies and related organizations to enhance and promote the understanding of practitioners in applying genomic medicine to cost-effective decision making and clinical care.
- Members include:
  - American College of Clinical Pharmacy
  - American Pharmacists Association