

The Genomic Healthcare Branch

Division of Policy, Communications and Education

NHGRI

Donna Messersmith, PhD

Inter-Society Coordinating Committee

January 24, 2017



Organization Summary

- Government organization
- Genomic Healthcare Branch currently has four people:
 - Bob Wildin, MD, Chief
 - Donna Messersmith, PhD, Health Policy Analyst
 - Ashley Lewis, Scientific Program Analyst
 - Faye Brown, Operations Coordinator (part-time)
 - Recruitment in progress for Clinical Policy Analyst
- Purpose: promote the effective integration of genomic discoveries into healthcare through practitioner education, policy change, and health IT infrastructure.



Status of organization provider education and genomics

We have active programs addressing provider genomic literacy – here's what's working

Program title(s): Genomics education websites and in-person "Short Course in Genomics for Health Professional"

Types: resource repository (G2C2); genomic case studies (G3C); webinar series for insurers; nurse genomics collaborations

Strategies: collaborate with genomics education providers in multiple healthcare disciplines; partner with professional organizations including Blue Cross

Evaluation of trainee competence:

Systematic evaluation of program: Short Course evaluated each day; obtained ongoing feedback from participants about value and impact of the course; identified collaborations that resulted from the course. Performed usability testing of G2C2 revisions through paper and "talk aloud" evaluations prior to redesign completion.

Genetic/genomic expertise provided by: NHGRI experts and external nurse and physician assistant educators

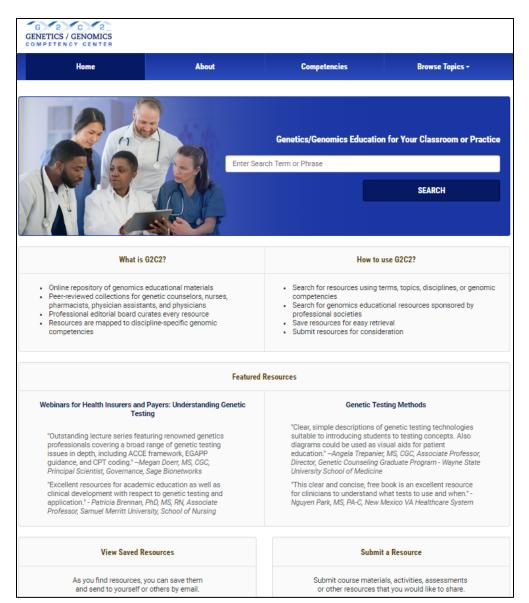
Timeline: Ongoing (G2C2 and G3C); annual (Short Course)

Requests for assistance/collaboration: ideas for additional case for G3C; postings onto listserv; submissions to G2C2; planning for possible expansion of Short Course

Requests for RESEARCH programs: Evaluation of genomics integration into healthcare practice

G2C2 http://genomicseducation.net/

- Genetics/Genomics Competency Center (G2C2)
- Website repository of genomics educational resources mapped to competencies
- Completed redesign and improved usability

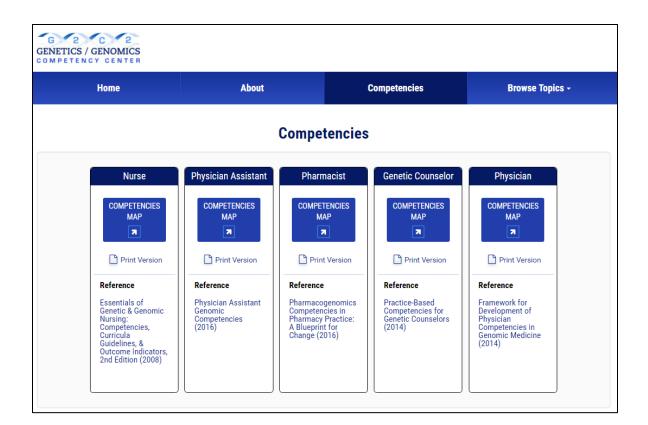




Competencies:

http://genomicseducation.net/competency

- Genetics/Genomics Competency Center
 - Genomics competencies published for five disciplines: physician, nurse, physician assistant, pharmacist, genetic counselor
 - Competency maps link users to resources that fulfill competencies



G3C http://genomicscases.net/

- Global Genetics and Genomics Community (G3C)
- Unfolding Case
 Studies for Genetics
 and Genomics
 Healthcare Education
- Interested in partnerships to develop an additional case



Webinars for Health Insurers and Payers: Understanding Genetic Testing

https://www.genome.gov/insurersgenetictesting

- Webinar series for medical staff in the insurance industry
- Goal is to prepare insurers to understand genetic testing strategies, interpretation, outcomes and patient care
- Website with recorded webinars available for continuing education



Created by the Insurer Staff
 Education Working Group
 of ISCC



Short Course in Genomics: Nurse, Physician Assistant, and Faculty Track

August 1-3, 2016 at NIH

- 21 nurse and 9 PA educators participated
- 9 NHGRI and 7 external presenters
- "Community of Practice" listserv of participants: "Genomics Education for Practitioners"
- Planning for August 2017 course for nurses and PAs





genome.gov/shortcourse/healthprofessionals/