# What are Public Health Genetics and Genomics Programs?

Public Health O Genetics & Genomics Week

**#PHGW** 

#PublicHealthGenetics

#PublicHealthGenomics



Public health genetics and genomics programs are implemented from the community to the federal level to help combine genetics into clinical care and assist patients in getting access to genetic testing, counseling, and other genetic services.

# **Local/State Activities**

Advocacy organizations, state agencies, and non-profit companies work at the local and state level in public health genetics and genomics. Example activities include:



Texas: Genetic Testing for BRCA1 and BRCA2



Georgia PKU Connect
Provides support and education

to families for PKU



RareAction Network
Advocacy to state legislatures

# **Federal Activities**

Advocacy organizations, federal agencies, and member organizations work at the federal (or national) level in public health genetics and genomics. Example activities include:



# Centers for Disease Control and Prevention

Provides tools and resources to implement genomics practices



#### **Undiagnosed Diseases Network**

Genetics research and provides connections to genetics patients



#### **NewSTEPs**

Supports newborn screening programs and labs

# **Global Activities**

Advocacy organizations, non-profit organizations, and for-profit organizations work at the global level in public health genetics and genomics. Example activities include:



## Rare Disease Day

Raises awareness about rare diseases around the world



### Lynch Syndrome International

Provides support and education to families for Lynch Syndrome



#### **Expanded Carrier Screening**

Various companies offer screening to families around the world