



## *What is Public Health Genetics and Genomics?*

# GENES

Genes are like the tiny instruction booklets inside every cell of your body. They contain the code that determines many of your unique traits, such as your hair color, blood type, and even how your body metabolizes certain foods. You get half of your genes from one parent and half from the other. If a gene's code is written incorrectly, or part of it is missing, your body cannot read its instruction manual properly and this can lead to genetic conditions.

Learn more about genetics basics [here](#)!

#PHGW

#PublicHealthGenetics

#PublicHealthGenomics