



EXPERTS IN BIOINFORMATICS  
USE HIGH-PERFORMANCE COMPUTING  
TO INTEGRATE DATA FROM EPIDEMIOLOGIC  
INVESTIGATIONS AND GENOMIC SEQUENCING.  
**THEY CONNECT THE DOTS,**  
EXPLORING HOW PATHOGENS SPREAD, MUTATE,  
AND DEVELOP ANTIMICROBIAL RESISTANCE  
TO HELP SOLVE OUTBREAKS.



## BIOINFORMATICS



U.S. Department of  
Health and Human Services  
Centers for Disease  
Control and Prevention

**ADVANCED  
MOLECULAR  
DETECTION**  
[www.cdc.gov/amd](http://www.cdc.gov/amd)