The Biology of Personality (where does it come from) and..... Personality Tests
Biology of Personality

• What part do biology and heredity play in personality?
  – Identical Twins (share 100% of their genetic material)
  – Fraternal Twins (share 50% of their genetic material)

• Study looked at the personalities of twins.... (even those raised in different environments)
Biology of Personality

• Found that identical twins are more similar than fraternal twins or other unrelated individuals in:
  – Intelligence
  – Leadership
  – Empathy
  – Nurturance
  – Tendency to follow rules
  – Tendency to uphold traditions/cultural experiences
  – Assertiveness
Biology of Personality

• Adoption Studies
  – Confirm what twin studies have shown....
    • Although the environment may account for partial development of the personality
    • Genetic influences account for a great deal of personality development
Current Findings Between Personality and Behavior

• The 5 personality factors (OCEAN) of the Five Factor Model has nearly a 50% rate of heritability

• Thus...variations in personality traits are about 25%-50% inherited.....

• So what else accounts for our personality????
Types of Personality Tests

PERSONALITY TESTING

MY WIFE TOLD ME WHAT TYPE I WAS LAST WEEK AND IT WASN'T ANY OF THESE...

Personality Tests

• Interviews
  – Problems.....
  – Halo Effect ....
Personality Tests

- Projective Tests
  - Rorschach Inkblot
    - “What does this mean”
  - TAT
    - “Tell me a story”
Personality Tests

• Direct Observation
• Personality Inventories
  – Myers-Briggs Type Indicator (Carl Jung)
  – Eysenck Personality Questionnaire
  – MMPI-2 (Minnesota Multiphasic Personality Inventory)