

# Research & Statistics Vocabulary

<b>Word</b>	<b>Definition</b>
<b>Empirical Investigation</b>	
<b>Theory</b>	
<b>5 steps of the Scientific Method</b>	
<b>Hypothesis</b>	
<b>operational definitions</b>	
<b>independent variable</b>	
<b>dependent variable</b>	
<b>random presentation</b>	
<b>data</b>	
<b>experimental method</b>	
<b>confounding/extraneous variables</b>	

<b>controls</b>	
<b>sampling (random assignment)</b>	
<b>ex post facto</b>	
<b>correlational study</b>	
<b>correlation coefficient</b>	
<b>survey</b>	
<b>naturalistic observation</b>	
<b>longitudinal study</b>	
<b>cross-sectional study</b>	
<b>cohort- sequential study</b>	
<b>Personal Bias</b>	
<b>Expectancy Bias</b>	
<b>double-blind study</b>	
<b>IRB (Institutaional Review Board)</b>	

<b>Ethics</b>	
<b>Deception</b>	
<b>Ethical Principles of Psychologists</b>	
<b>APA</b>	
<b>APS</b>	
<b>Descriptive Statistics</b>	
<b>Frequency distribution</b>	
<b>histogram</b>	
<b>descriptive statistics</b>	
<b>Measures of Central Tendency</b>	
<b>mean</b>	
<b>median</b>	
<b>mode</b>	
<b>Measures of Variability</b>	

<b>range</b>	
<b>variation</b>	
<b>standard deviation</b>	
<b>normal distribution</b>	
<b>correlation</b>	
<b>correlation coefficient</b>	
<b>Inferential statistics</b>	
<b>random sample</b>	
<b>representative sample</b>	
<b>significant difference</b>	

