# **Research Methods**

#### Longitudinal Designs



# What We Will Cover in This Section

- What are they?
- Designs.
- Summary





## Longitudinal Studies

Studies that evaluate the changes in people over an extended period of time.

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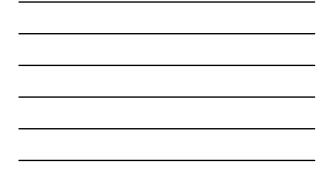
**Cross Sectional Studies** 

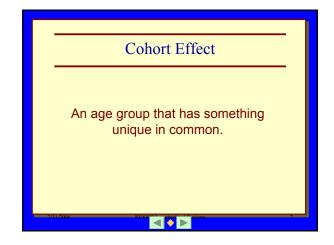
Developmental studies that evaluate different age groups at the same time.

#### 

# Cross Sectional Model

| Do people's attitudes toward | Birth<br>Year | Age |
|------------------------------|---------------|-----|
| war change as                | 1940          | 60  |
| they get older?              | 1950          | 50  |
|                              | 1960          | 40  |
|                              | 1970          | 30  |
|                              | 1980          | 20  |





|              | Long | itudin | al Mo | del  |      |
|--------------|------|--------|-------|------|------|
|              |      |        |       |      |      |
| Test<br>year | 2010 | 2020   | 2030  | 2040 | 2050 |
| Age          | 20   | 30     | 40    | 50   | 60   |

