



## Cognitive Models

### A Return to Examining Internal Events

Psychology 390  
Psychology of Learning

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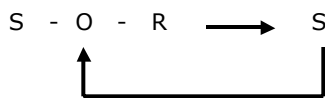
### Many Theorists

- Plato
- Tolman
- Hull
- Chomsky
- Underwood
- Broadbent
- Anderson

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### Focus



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### What Internal Variables are Investigated

- Locus of Control
- Expectancy
- Personality Variables
  - Extroversion vs Introversion
- Internal vs External Attribution
- Traits
- Others

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### Locus of Control

- How much control an individual feels they exert over their environment.
- External
  - Little connection between behavior and occurrence of rewards
- Internal
  - The world is responsive to my actions.

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### Self-Efficacy

- The belief you have in your own ability.
- The confidence you have that you will succeed.

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### Expectancy

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- Generally relates to your expectations about what will happen in a particular situation.

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### Personality Variables

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- Many variables are examined
- The Big Five
  - Extroversion
  - Agreeableness
  - Conscientiousness
  - Neuroticism
  - Openness

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### Agreeableness

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- Sympathetic
- Warm
- Trusting
- Cooperative

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### Extroversion

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- Talkative
- Sociable
- Fun Loving
- Affectionate

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### Conscientiousness

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- Ethical
- Dependable
- Productive
- Purposeful

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### Neuroticism

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- Anxious
- Insecure
- Guilt-Prone
- Self-Conscious

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### Openness

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- Daring
- Nonconforming
- Showing broad interests
- Imaginative

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### Traits

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- Allport
  - Cardinal
  - Central
  - Secondary

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### Cardinal

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- Traits that dominate an individual's life.
  - Passion to serve others.
  - Acquire wealth.

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### Central

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- Descriptive traits that you would use to describe someone.

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### Secondary

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- Traits that are not obvious.
- Show up in particular situations.

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### Conclusion

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- Lots of internal events are examined with cognitive models of learning.
- Focus is on things inside the organism.
- Harder to measure.

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