

**Important Psychological Constructs for Student Learning Outcome Assessment
NC State Undergraduate Assessment Symposium, April 25, 2009- Fitch & Steinke**

Cognitive / Intellectual Outcomes:

Application / Transfer of Knowledge

- Theory of situated learning
- David Kolb's active experimentation
- Robert Sternberg's practical intelligence

Creativity

- Robert Sternberg's creative intelligence
- Howard Gardner's creativity
- DeBono's lateral thinking

Critical Thinking / Decision Making

- Diane F. Halpern's critical thinking in relationship thought and knowledge
- Bloom's taxonomy
- Ellen Langer's mindfulness
- Scott Plous' psychology of judgment and decision making
- Tyversky & Kahneman on heuristics and biases

Intellectual Development

- William Perry's theory of intellectual development
- Baxter Magolda self-development
- Belenky's women's ways of knowing
- King and Kitchner's reflective judgment
- Schommer's epistemological beliefs

Lifelong Learning / Curiosity

- Cacioppo & Petty's need for cognition
- McCrae & Costa's openness to experience
- Silvia's psychology of interest

Problem Solving

- Robert Sternberg's successful intelligence
- Herbert A. Simon's incubation
- Bransford's steps for problem solving

Reflection

- King and Kitchener's reflective judgment
- David Kolb's observation and reflection
- Metacognition

Social / Interpersonal Outcomes:

Civic and Community Engagement / Social Responsibility

- Ellen Greenberger's model of psychosocial maturity- social adequacy
- Astin's involvement theory
- McMillian & Chavis' psychological sense of community
- L. Berkowitz's social responsibility
- Batson's altruism

Diversity Awareness

- Allport's contact theory
- Rokeach's open mind
- Braskamp's global perspective
- Miville's appreciating similarities and valuing differences
- Sedlacek's valuing diversity
- Shealy's equilintegration theory
- Bennett's developmental model of intercultural sensitivity
- Cross' black racial identity development model
- Helms' white racial identity development model
- Cass' gay and lesbian identity development model

Empathy

- McCrae & Costa's agreeableness in the big five personality factors
- Michael Cawley's virtue factor of empathy
- Carl Roger's person-centered psychology
- R.B. Cialdini's empathy in relationship to helping
- Nancy Eisenberg's sympathy and empathy

Intimacy / Interpersonal Trust

- Shaver's adult attachment theory
- Erik Erikson's psychosocial stage of intimacy
- Robert Sternberg's triangular theory of love
- Julian B. Rotter's interpersonal trust
- Ellen Greenberger's model of psychosocial maturity- interpersonal adequacy
- Chickering's freeing interpersonal relationships vector

Leadership

- Social Change model of leadership
- Fleishman's taxonomy of leadership activities
- Bass and Avolio's transformational leadership
- David McClelland's leadership motive pattern

Recognition of Individual Personal Differences in Others

- Howard Gardner's multiple intelligences
- Myers-Briggs personality types

- John Holland's theory of vocational personality types

Personal / Individual Outcomes:

Emotional Awareness and Management

- Mayer & Salovey's emotional intelligence
- Kihlstrom & Cantor's social intelligence
- Saarni's emotional competence
- Chickering's managing emotions vector

Ethical / Values Development

- Lawrence Kohlberg's stages of moral reasoning
- Carol Gilligan's theory of women's moral development
- Shalom Schwartz's universal values
- Chickering's developing integrity vector

Identity / Maturity

- Erik Erikson's psychosocial stage of identity
- Chickering's developing a purpose vector
- Ellen Greenberger's model of psychosocial maturity- individual adequacy
- Seymour Epstein's self-concept

Intrinsic Motivation / Goal Orientation

- Midgley's patterns of adaptive learning
- Pintrich's goal orientation
- Covington's intrinsic motivation
- Schank's goal-based scenarios
- Vallerand's academic motivation

Optimism / Hope

- Martin Seligman's learned optimism
- C.R. Snyder's hope
- Scheier & Carver's life orientation

Perseverance / Resilience

- Michael Cawley's virtue factor of resourcefulness
- Kumpfer's internal resilience factors
- Deci & Ryan's self-determination theory

Self-awareness

- Mark Snyder's self-monitoring
- Abraham Maslow's characteristics of self-actualized individuals
- Hazel Markus' self-schema
- Higgins' self-discrepancy theory
- Carl Roger's congruence

Self-control

- Baumeister's self-control
- Walter Mischel's delay of gratification
- Carver & Scheier's control theory

Self-efficacy

- Albert Bandura's theory of self-efficacy
- Chickering's competence vector
- Carver & Scheier's self-efficacy

Self-regulation

- McCrae & Costa's conscientiousness in the big five personality factors
- Julian Rotter's internal locus of control
- Albert Bandura's theory of agency

Transition

- Schlossberg's transition theory
- Bridge's stage theory
- Sanford's theory of challenge and support

Well-being / Happiness

- Mihaly Csikszentmihalyi's flow as the optimal experience
- Diener's subjective well-being
- Carol Ryff's dimensions of well-being
- Martin Seligman's authentic happiness