Dimensions of Learning and Direct/Indirect Assessment

Achievement

- ACCUMULATION OF LEARNING
- Outcomes: GRE, NCLEX, RD exam, etc.

Learning

- CHANGE IN BEHAVIOR, THINKING, ETC.
- Outcomes: Advanced skills, critical thinking, etc.

Engagement

- PROCESSES THAT SUPPORT LEARNING
- Processes: Time studying, tutoring, interaction with faculty, services, etc.

Persistence

- CONSEQUENCES OF LEARNING
- Outputs: Graduation, retention, satisfaction, utilization, etc.

Direct

Indirect

University Assessment Services, Illinois State University, 2012. Figure adapted from: R. Shavelson, 2009, *Measuring College Responsibly* and N. Salkind, Tests and *Measurement for People Who Think They Hate Tests and Measurement.*