The Conceptualization and Measurement of Adaptive Skill

Steven F. Cronshaw Perng Yih Ong Greg A. Chung-Yan Dara B. Chappell University of Guelph

Overview of Theory Advancement Session A presentation of the assumptions underlying two approaches for studying adaptive skill (rational-objectivist and functional-perspectivist) A brief summary of recent research results obtained using the two approaches Presentations of overall conclusions from each approach A discussion between/ among the panel

- A discussion between/ among the panel members and audience
- The presentations are interlocking we will switch back and forth between presenters
- > Time limit = 80 minutes

Adaptive Skill Defined

Adaptive skills are competencies that enable people to manage themselves in relation to the demands of conformity and/or change in particular situations. Adaptive skills are acquired in the course of life experience, particularly early childhood, on practically a subconscious level. They are integrated as the values, attitudes, and manner of responding to the physical, social, and environmental circumstances in which persons find themselves. (Fine, 1989; Fine & Cronshaw, 1999)

Why Studying Adaptive Skill Is Important

- They are part of a larger theoretical framework (FJA theory) that has proven very fruitful in practical and scientific endeavor
- > Adaptive skills are the sine qua non for the productive engagement of all other skills in the workplace
- An understanding of adaptive skill and its measurement has resulted in the development of valuable tools and methodologies for workplace intervention (e.g., Performance-Oriented Structured interview)

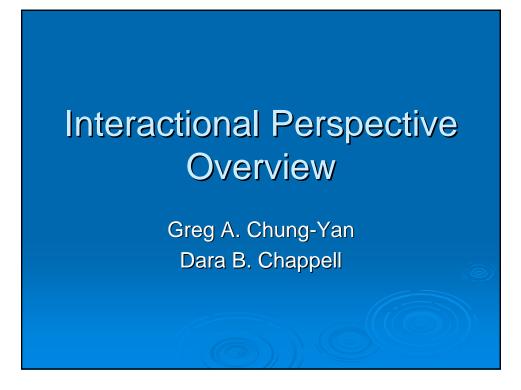
Two Paradigms for Conceptualizing and Measuring Adaptive Skill

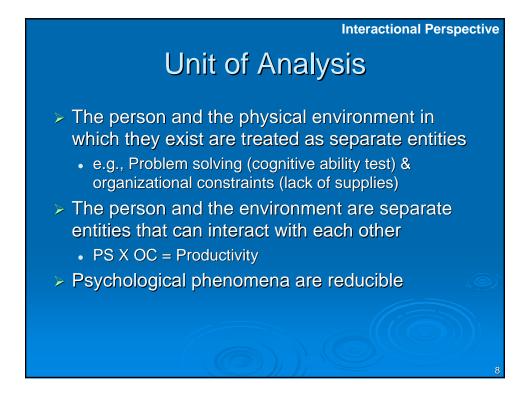
Werner and Altman (2000) present a general comparison of four world views (thought systems) for psychology: Trait, Interactional, Organismic, and Transactional.

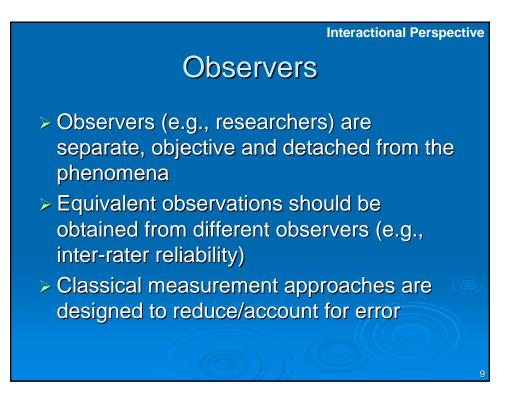
We will focus our attention on the Interactional Approach (which closely parallels normal science in I/O Psychology) and the Transactional Approach (a variant on which we will call Functional- Perspectivism)

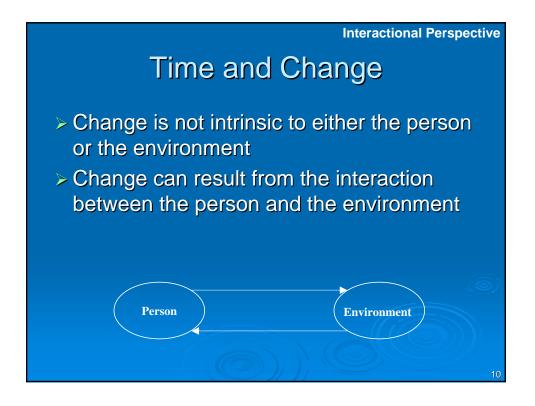
The Rest of Session

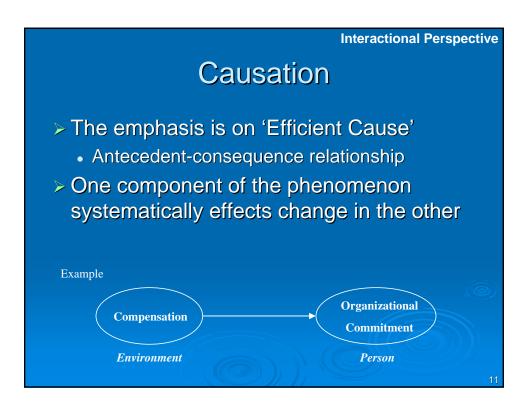
- Dara examines the assumptions underlying the Interactional Approach
- Perng Yih examines the assumptions underlying the Functional-Perspectivist Approach
- Greg reviews his recent research on adaptive skill using the Interactional Approach
- Perng Yih reviews our recent research using the Functional-Perspectivist Approach
- > Audience questions and discussions

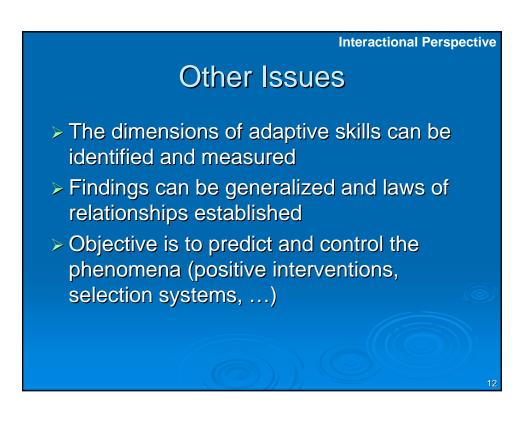






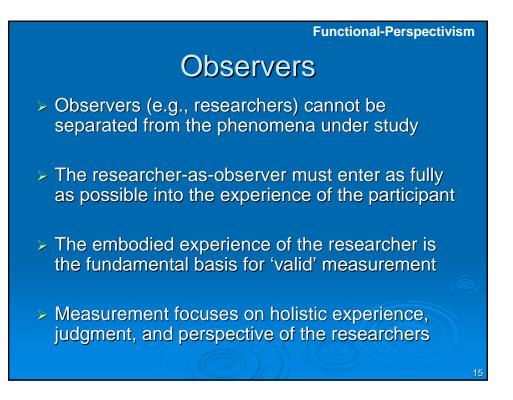


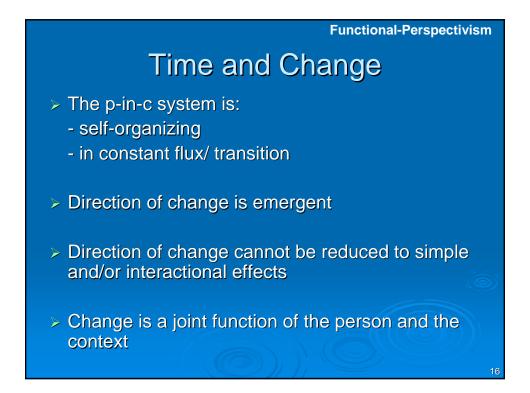


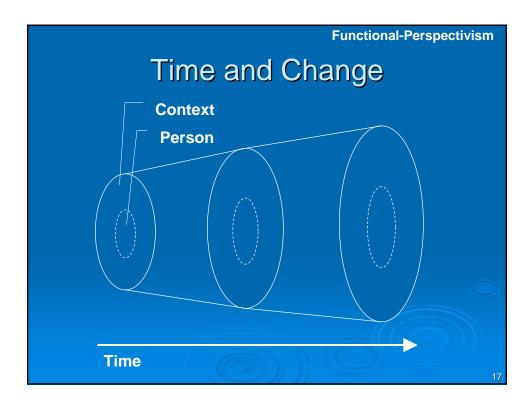


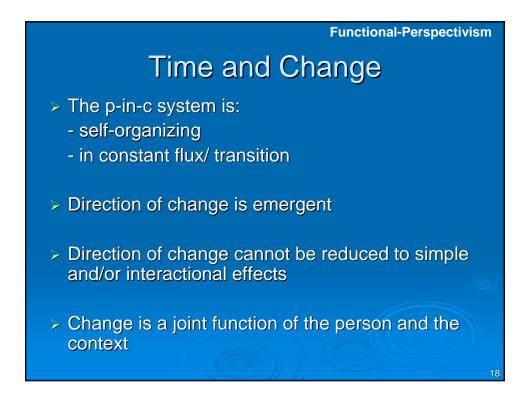


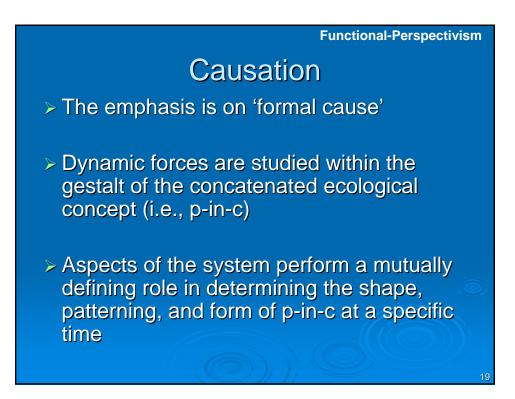
<section-header><list-item><list-item><list-item>

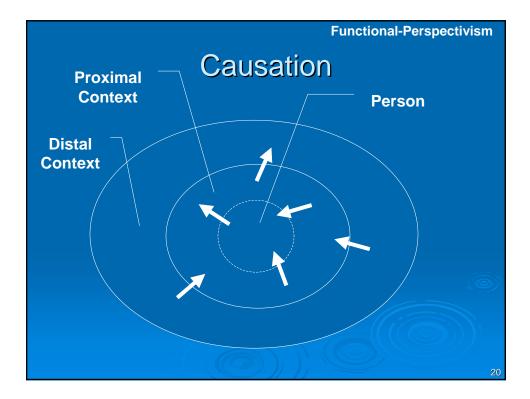


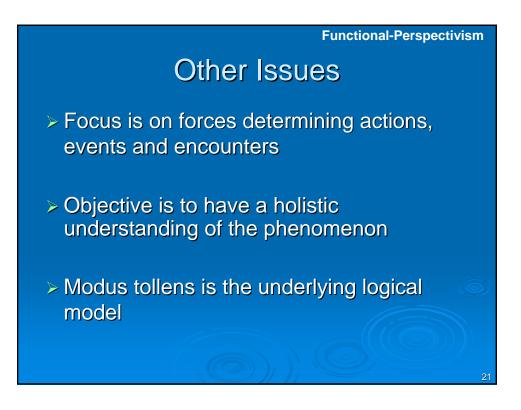


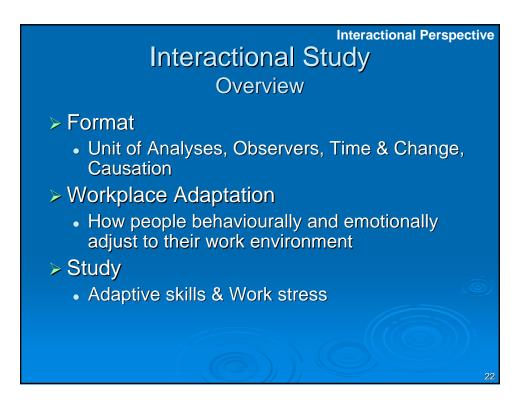


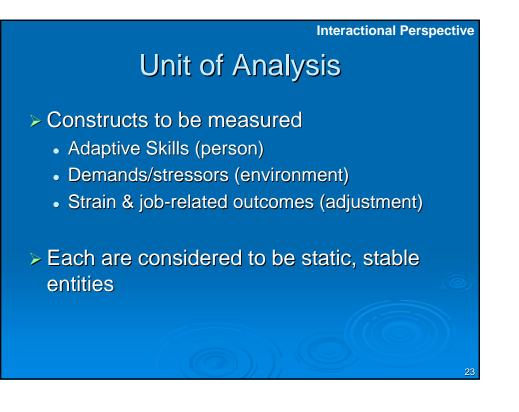


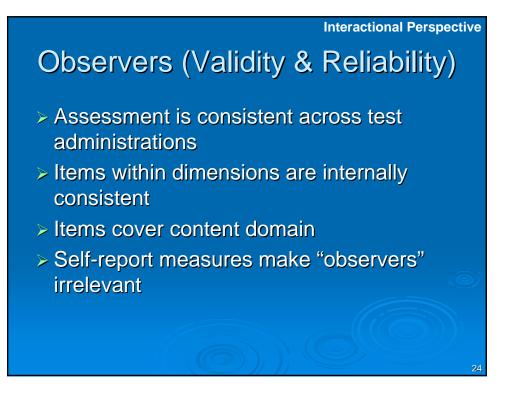


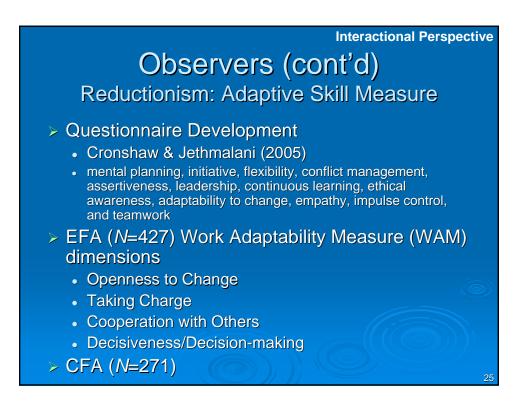


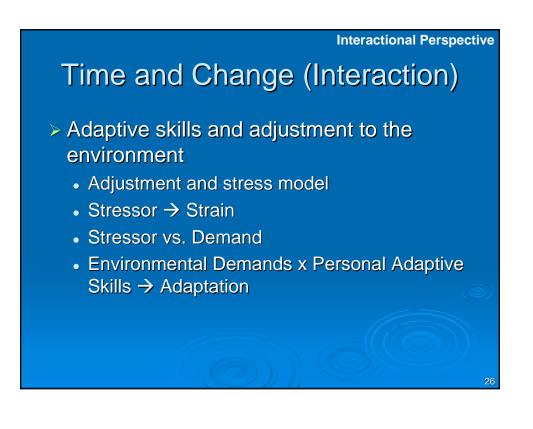


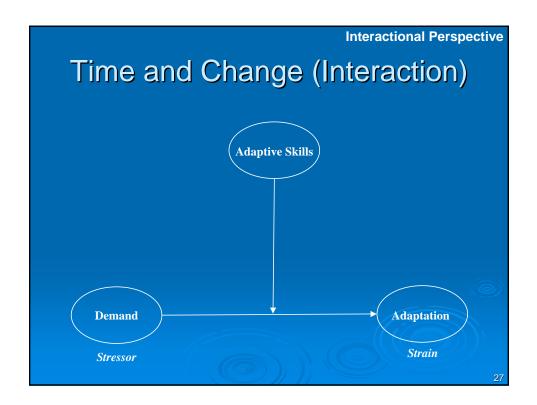


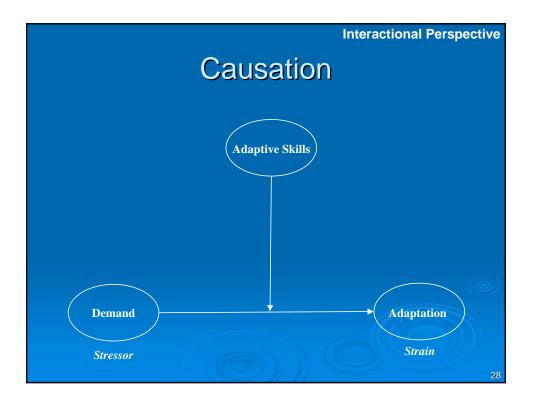


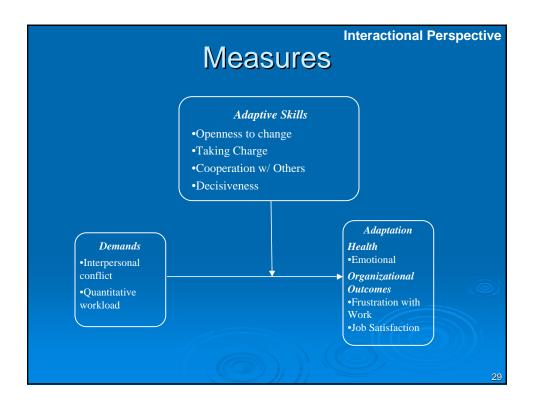


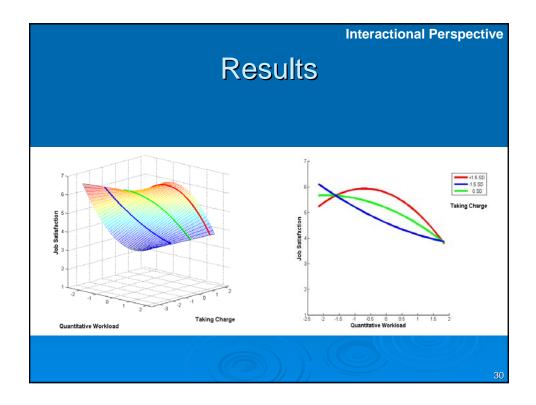


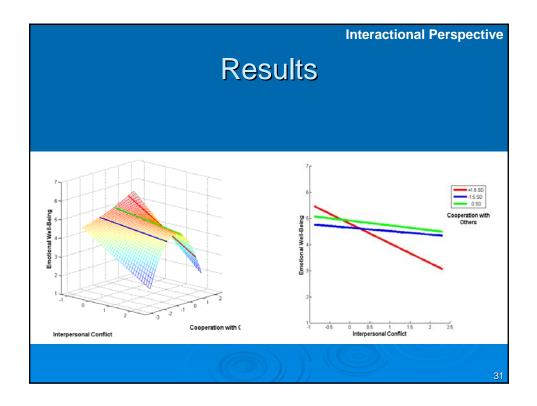


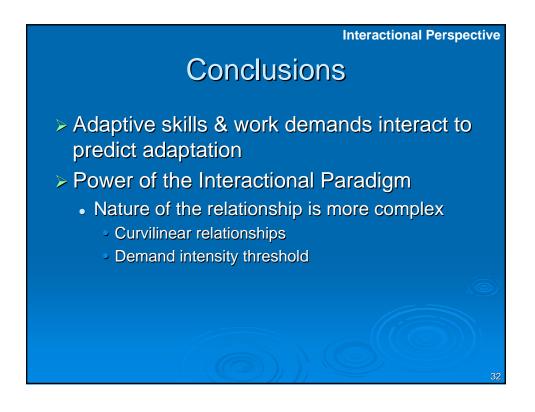






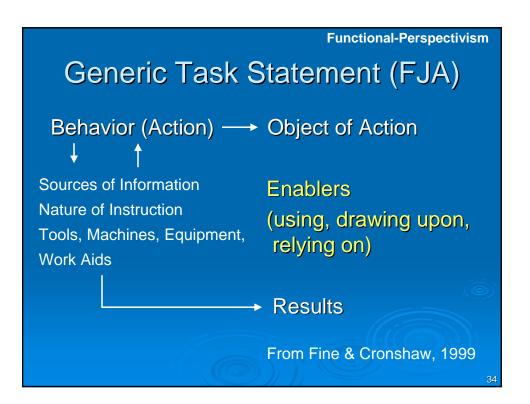


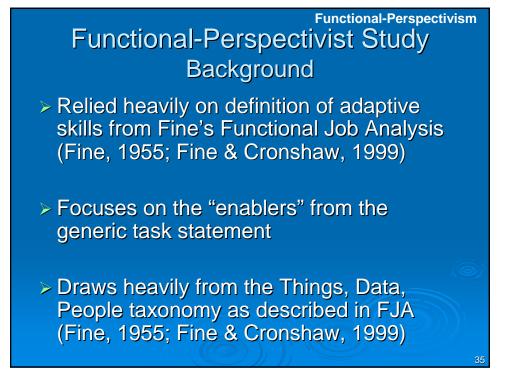


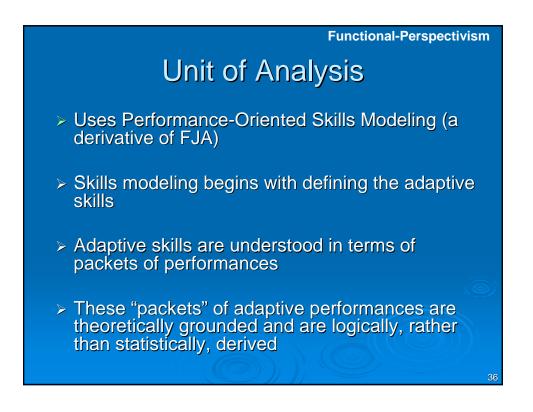


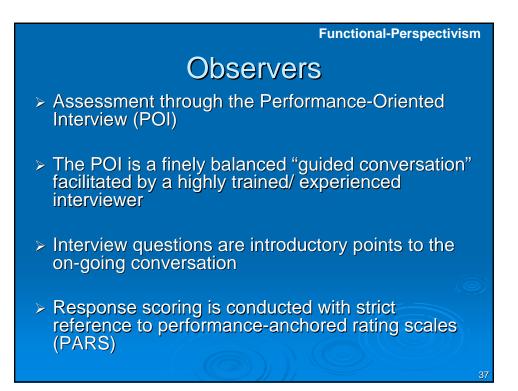


- Relied heavily on definition of adaptive skills from Fine's Functional Job Analysis (Fine, 1955; Fine & Cronshaw, 1999)
- Focuses on the "enablers" from the generic task statement
- Draws heavily from the Things, Data, People taxonomy as described in FJA (Fine, 1955; Fine & Cronshaw, 1999)









Example Interview Question	Tell me about a time when you saw one or more people having problems and experiencing stress while attempting to fit into the workplace because they had too little information or knowledge. Describe the situation and what you said and did.	
	Performance-Anchored Rating Scale	
Constructive Assertion	Accurately reads source of co-worker problem (e.g., he/she does not know standard operating procedure) Volunteers to provide information without being asked Goes beyond work assignment in providing information Does not show hesitation or discomfort in providing feedback Provides information even though this does not have a direct positive effect on own work Asks other(s) if they wish and desire assistance Provides information complete enough to assist the other in adapting to, and functioning in, the workplace Communicates information in a non-threatening and clear manner Listens carefully to questions and provides complete, timely information in response Repeats information as many times as needed to ensure understanding Follows up later to ensure that instruction has been understood and oroperly used	
Reactive Engagement	 Provides information to coworker(s) when asked to Provides information as an expected part of work assignment Provides information where it will have a positive impact on his/her own work Presents information in lecture mode without checking for the understanding of the other(s) May delay in responding to concerns and questions raised by the person Takes actions that focus more on the productivity/efficiency nature of the situation than the well-being of the person 	
Dysintegrative Maladjustment	Leaves other(s) to sink or swim Keeps to him/ herself Walks away from requests for information 1 Derogates others for not having knowledge OR for seeking information Sees lack of knowledge of others as a personal failing or sign of incompetence Refuses direct requests by other(s) for information OR Deliberately withholds information / provides erroneous information as a means of sabotaging other(s)	

