

38TH ANNUAL CONFERENCE OCTOBER 17-20, 2018



BECOMING AGENTS OF CHANGE

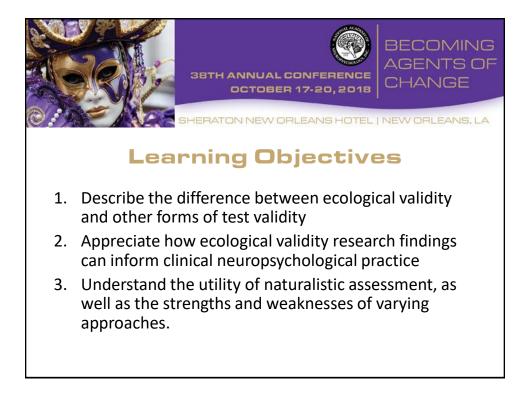
SHERATON NEW ORLEANS HOTEL | NEW ORLEANS, LA

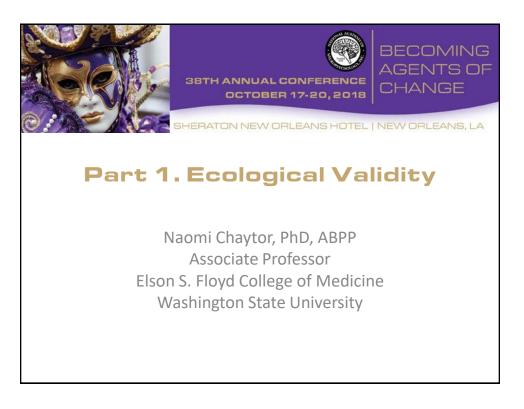
Course 2. Ecological Validity and Naturalistic Assessment: Research Update and Clinical Applications

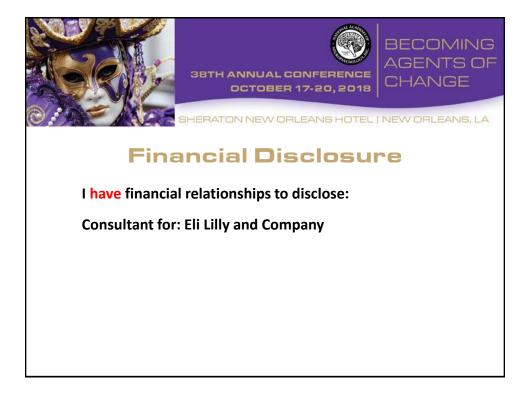
Naomi Chaytor, PhD, ABPP Washington State University

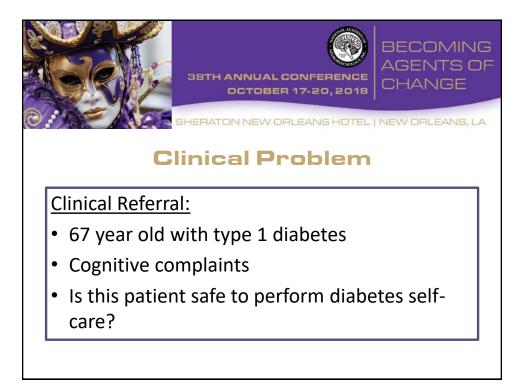
Kayela Robertson, PhD VA Puget Sound Health System

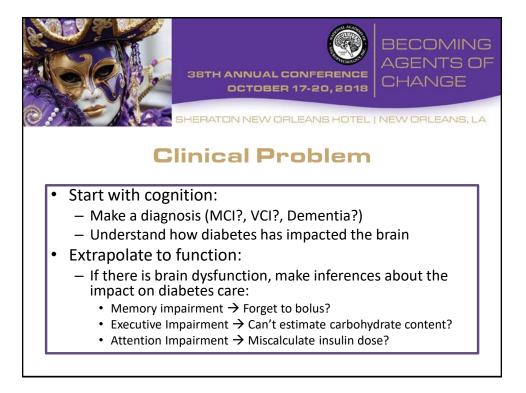


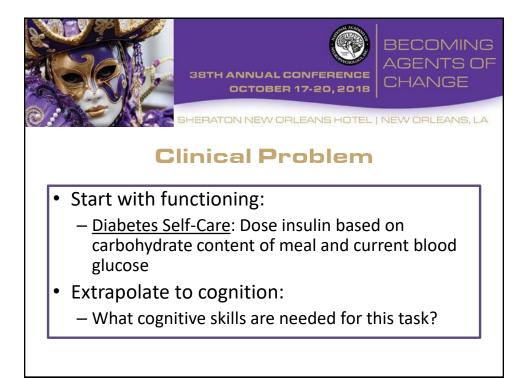


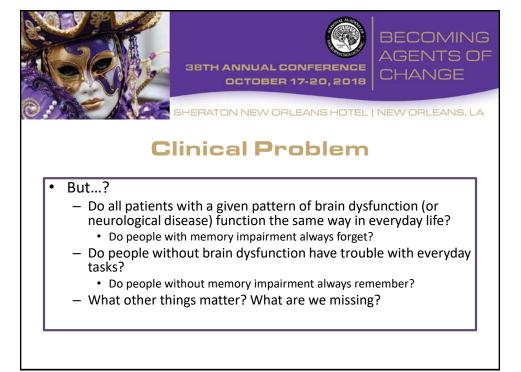


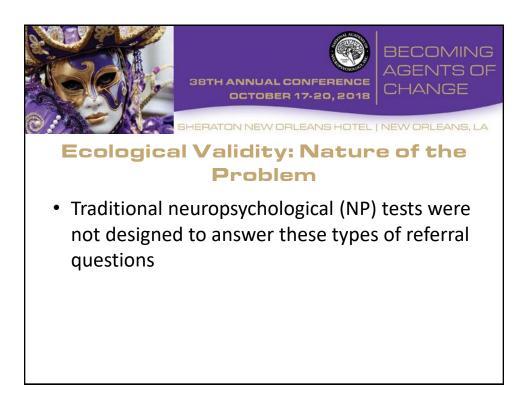


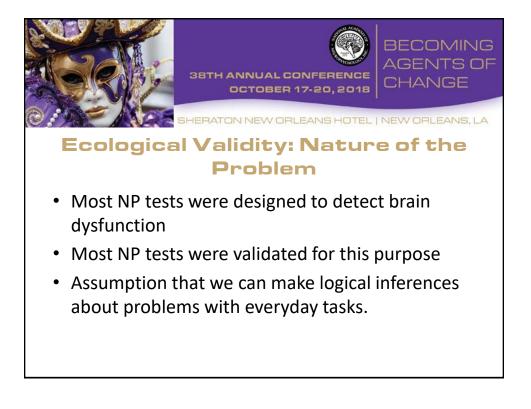


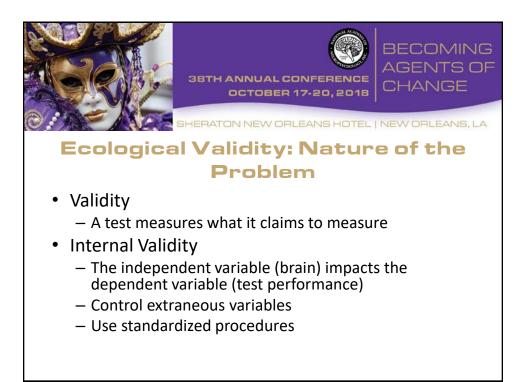


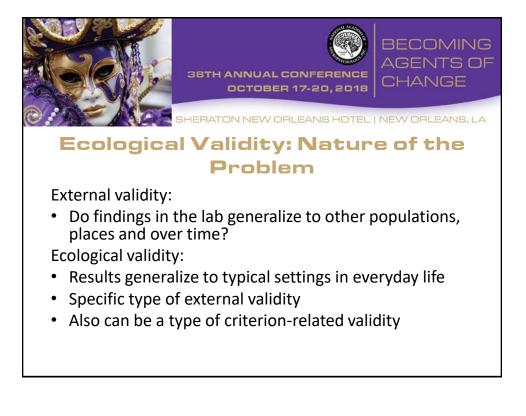


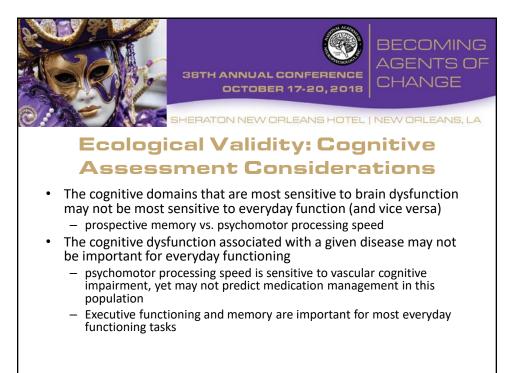




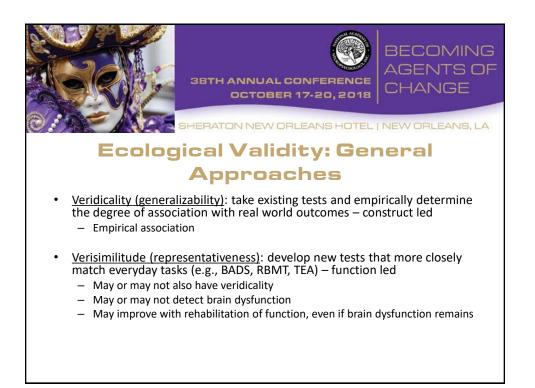




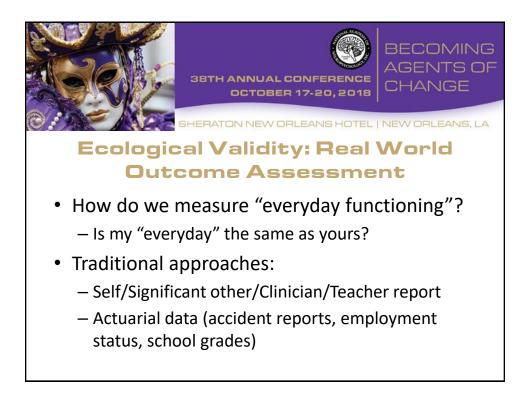




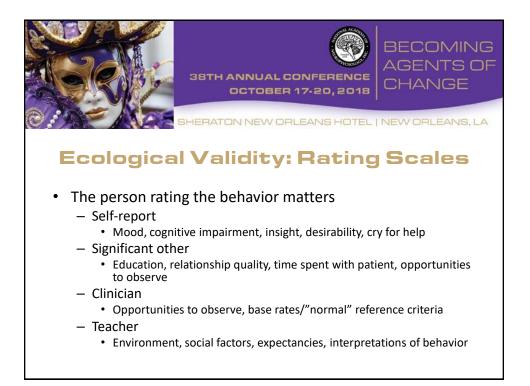


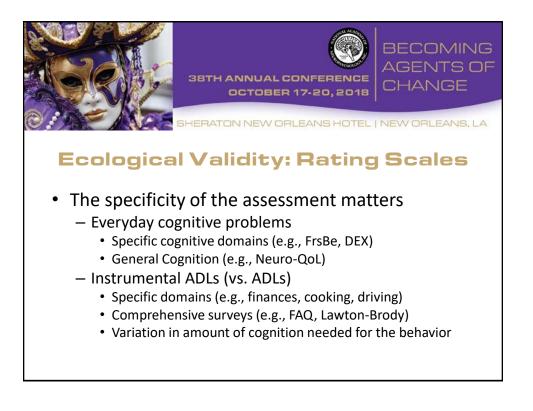


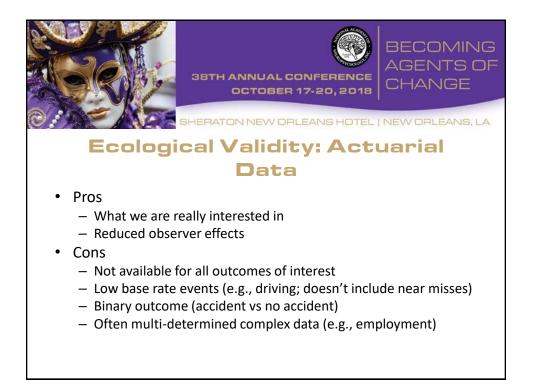


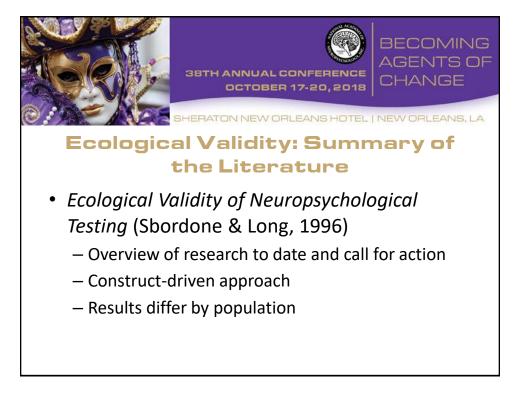


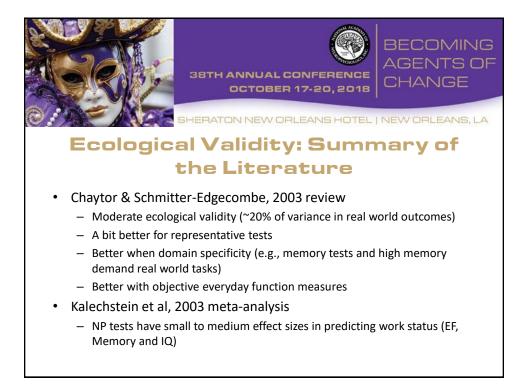


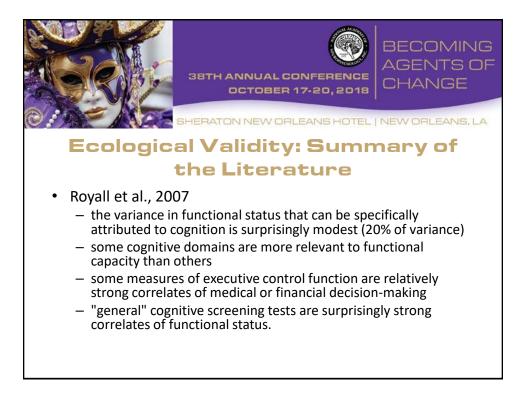


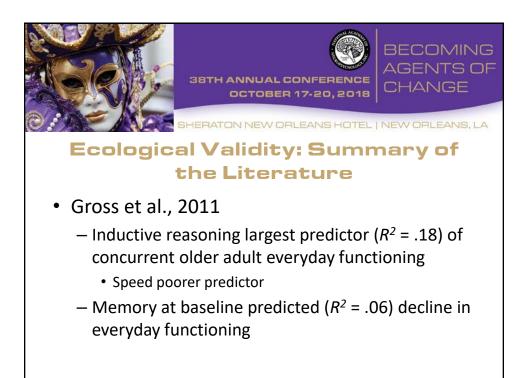


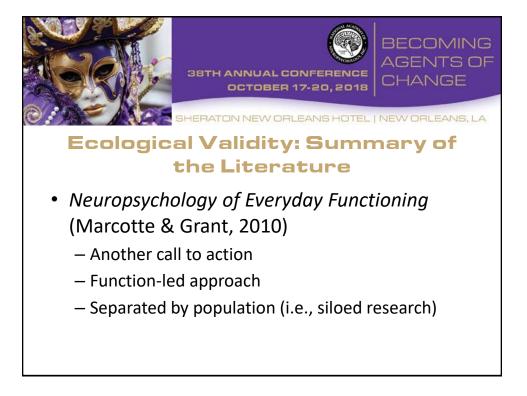


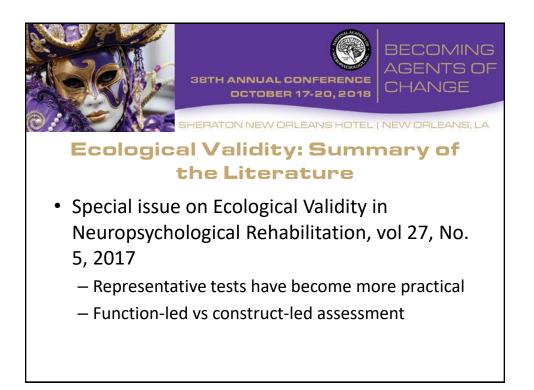


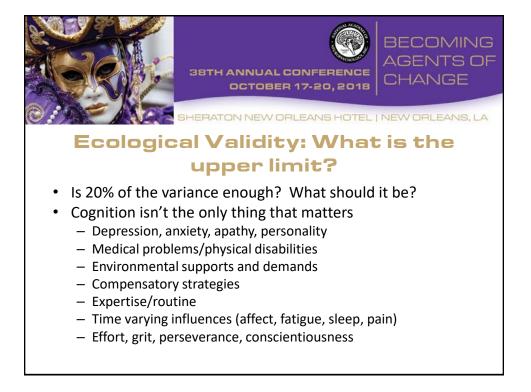


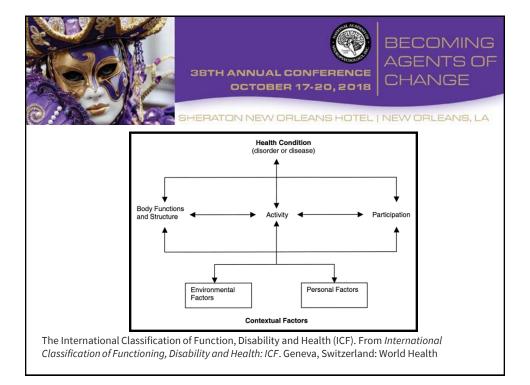


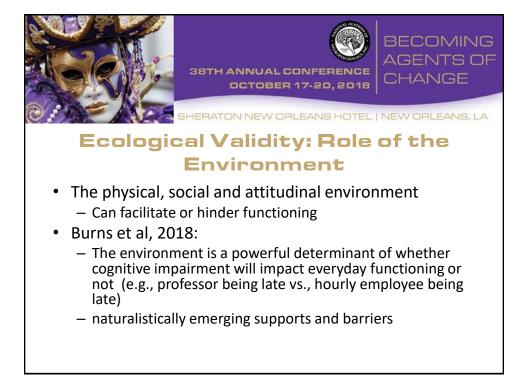


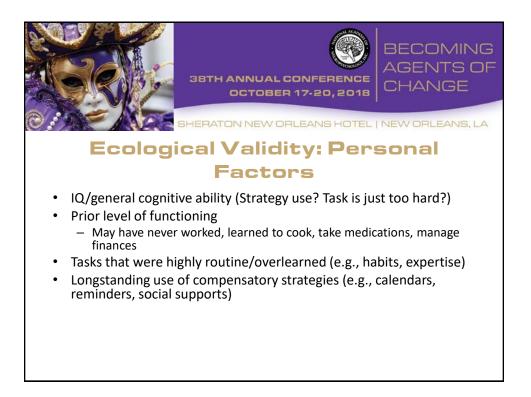


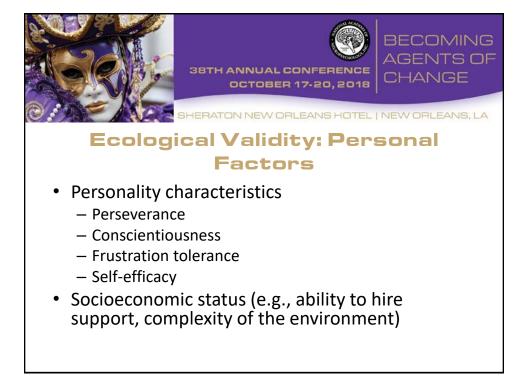


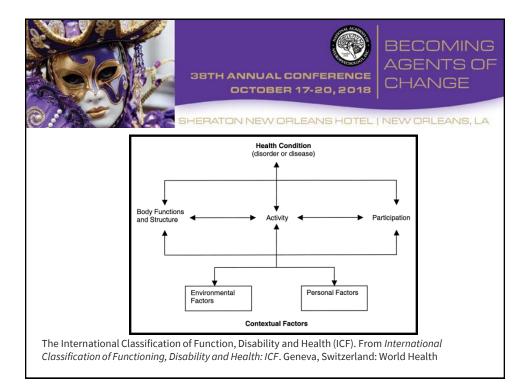


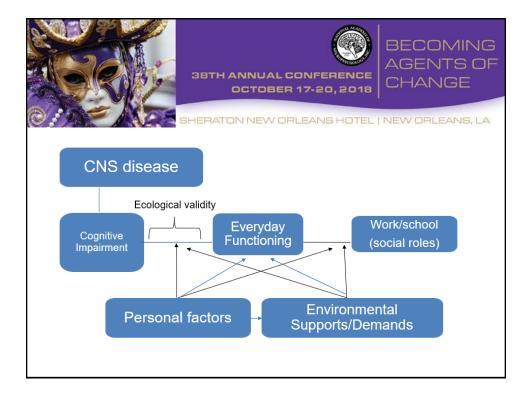


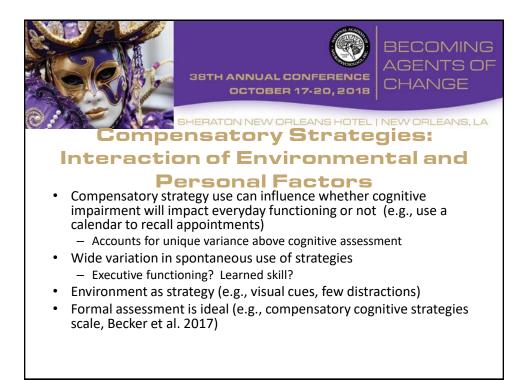


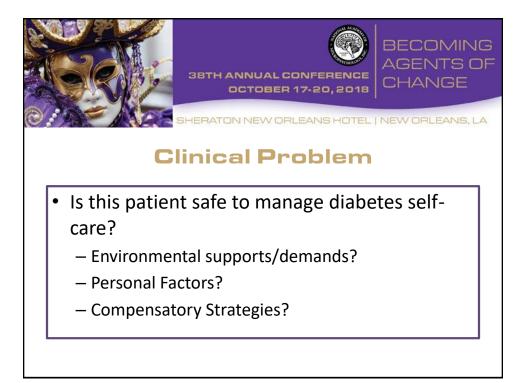


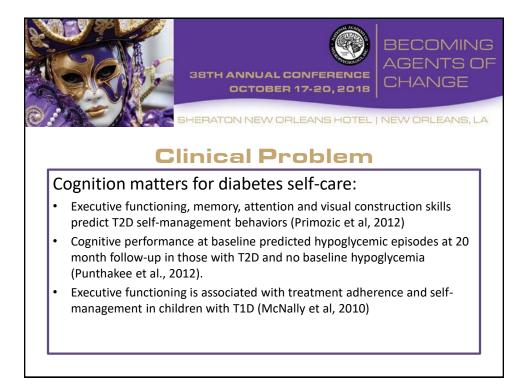














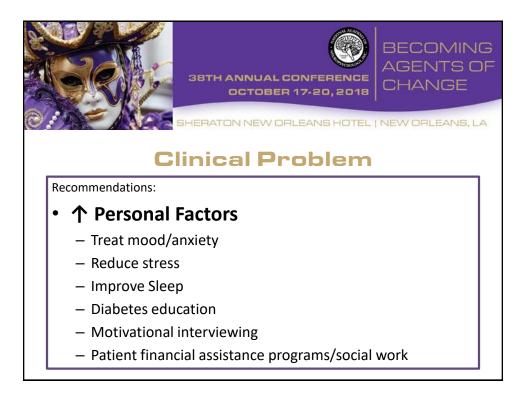
Clinical Problem

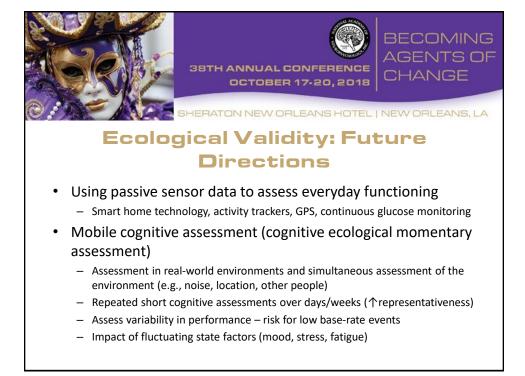
Environmental demand/supports:

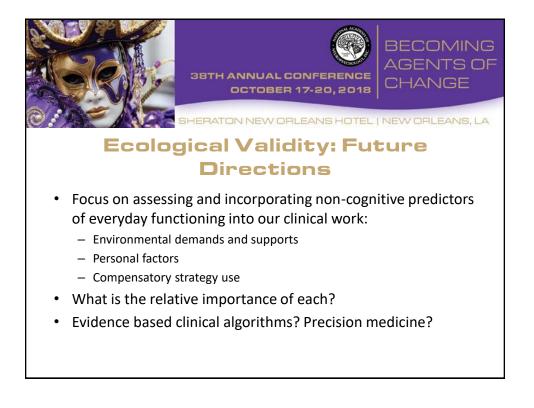
- How much variability in their routine/meals? How much do they eat out in restaurants? Does their treatment change often? Does someone else help them? Personal factors:
- How long have they had diabetes? How much diabetes education have they had?
- Comorbid medical and psychiatric disorders? Diabetes distress? Hypoglycemia fear? <u>Compensatory strategy Use:</u>
- Do they have an insulin pump that calculates carb to insulin ratio?
- Continuous glucose monitor that will alert if blood glucose is low/high?
- Do they use carbohydrate counting apps (e.g., My Fitness Pal)?

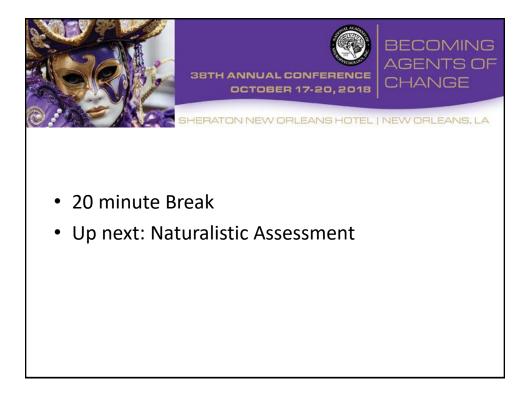


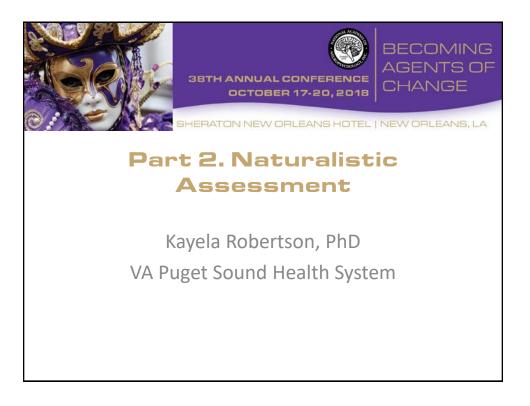


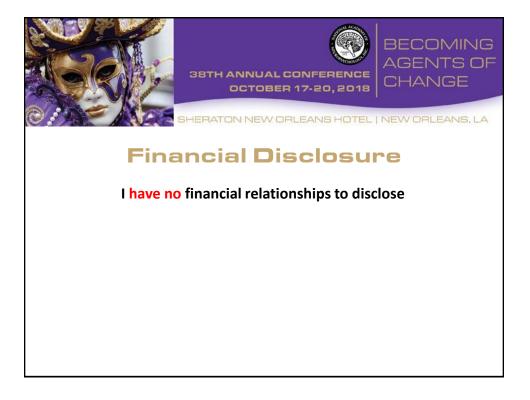




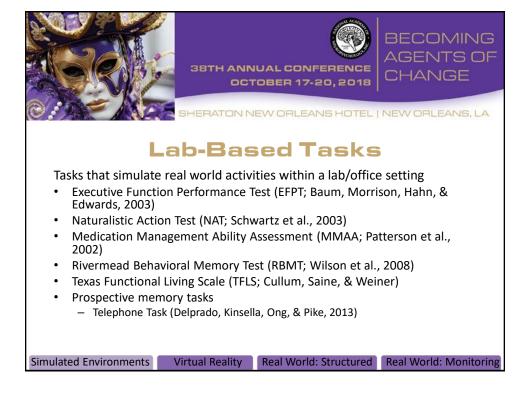






















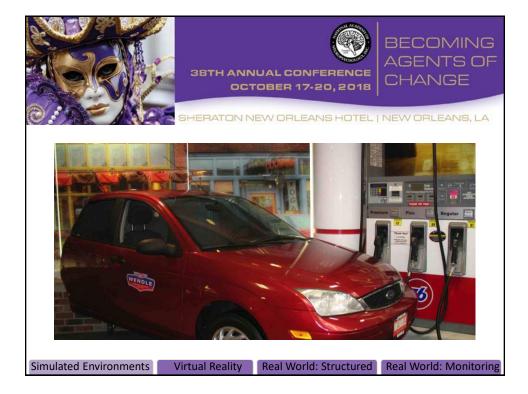










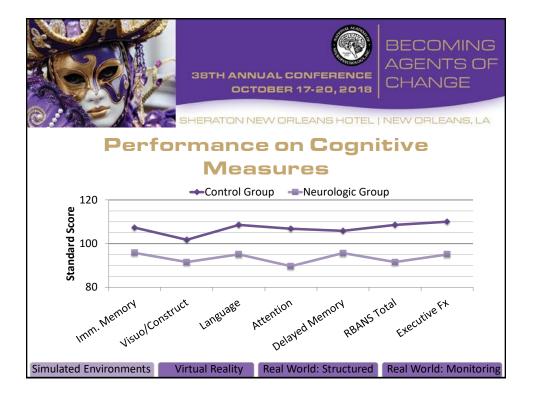


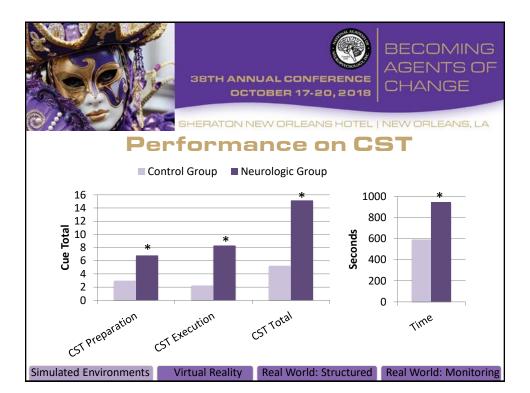


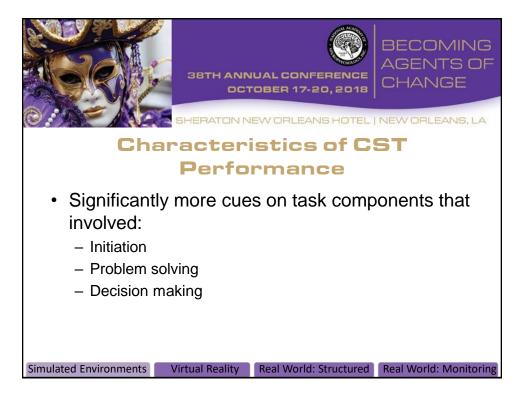
BECOMING AGENTS OF BBTH ANNUAL CONFERENCE OCTOBER 17-20, 2018 SHERATON NEW ORLEANS HOTEL NEW ORLEANS, LA	
CST Task Components Recipe Section (Preparation)	
 Begins task Looks up recipe Refers to items that they have at home Begins writing down items Writes down paprika Writes down pepper Writes down onions Writes down garlic 	 Writes down 1 can whole tomatoes Writes down noodles Writes down items not needed Writes down chocolate dessert Writes down stamp book Indicates they are ready to move to shopping area Takes Wallet and list with them
Simulated Environments Virtual Reality	Real World: Structured Real World: Monitoring

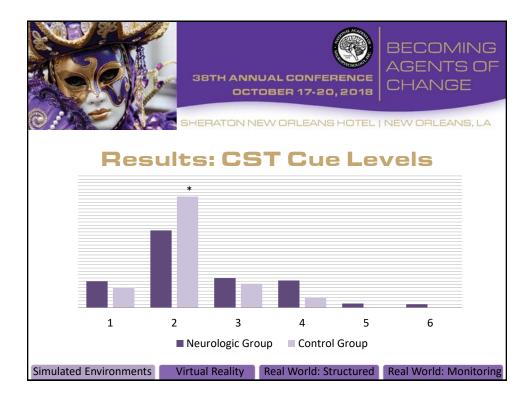
BECOMING AGENTS OF OCTOBER 17-20, 2018 BHERATON NEW ORLEANS HOTEL I NEW ORLEANS, LA CSTTASK Components	
Shopping Section (Execution)	Gets items not needed
Begins taskChooses a shopping instrument	 Brings items to cashier
 Consults grocery list 	Sets items on counter
 Begins to gather items on the list 	 Asks cashier for stamps
 Gets paprika 	Retrieves cash from wallet
Gets pepper	Counts out cash
Gets 3 onions	Pays cashier
Gets garlic	Picks up grocery bag and has
• Gets 1 can whole tomatoes	wallet
Gets noodles	Moves towards the bus; leaves cart
Chooses a chocolate dessert	Uses stop light to cross street
Gets children's ibuprofen	Gives the bus driver the bus pass
Simulated Environments Virtual Reality	Real World: Structured Real World: Monitoring

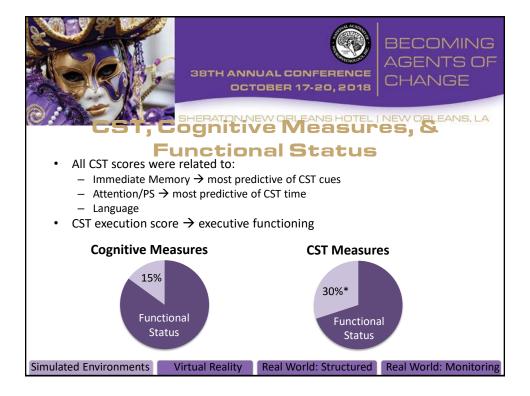




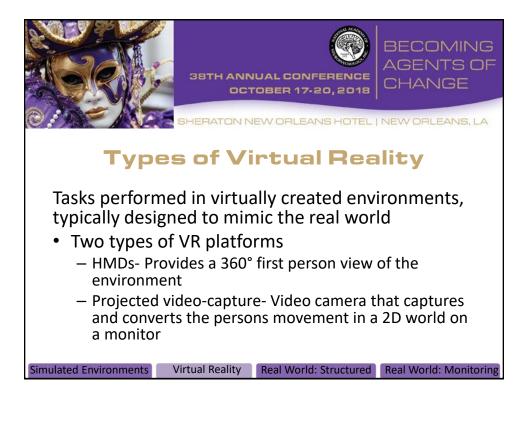


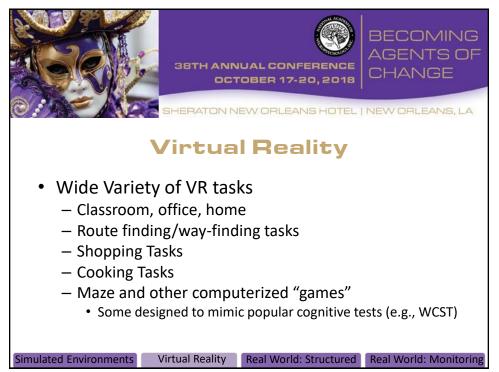




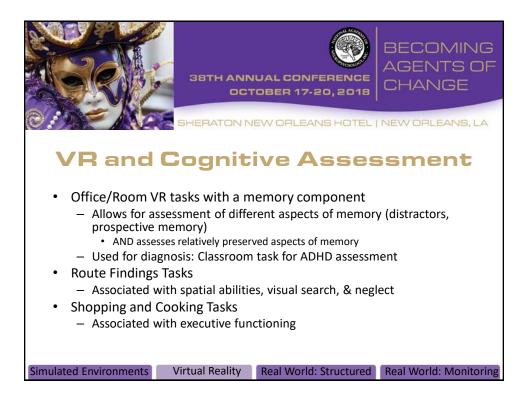


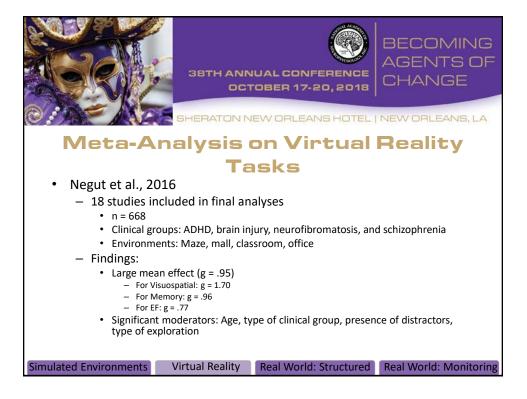




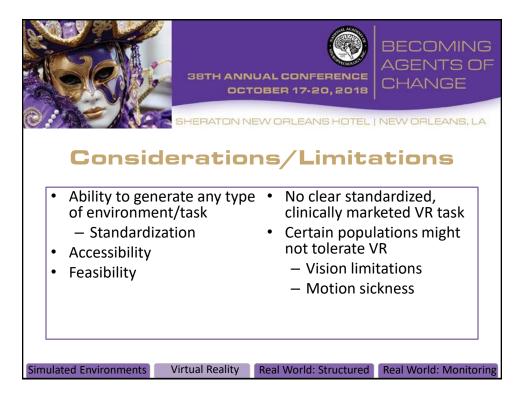


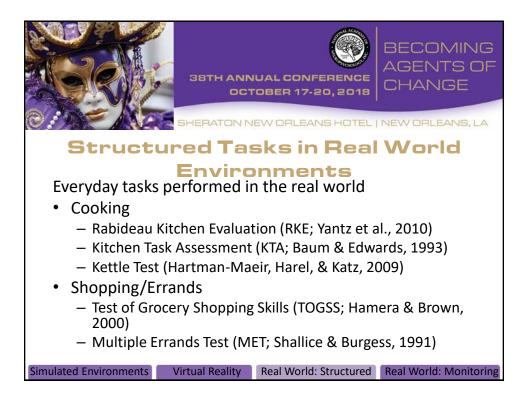






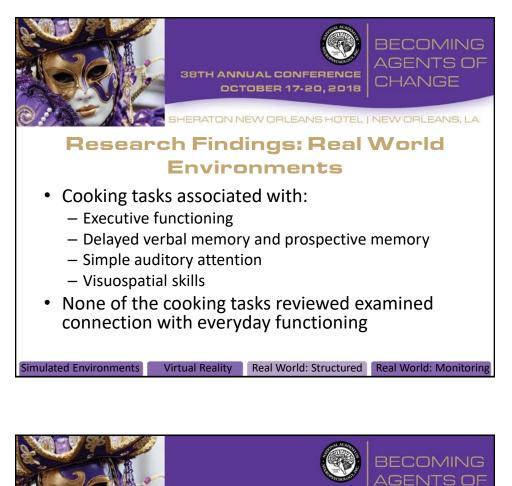














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CHANGE

Research Findings: Real World Environments

- Shopping/Errand tasks associated with:
 - Executive functioning
 - Aspects of everyday functioning:
 - Analogous real world task
 - · Independent living skill of grocery shopping
 - DEX
 - IADLs
 - Everyday life executive problems
- Work related tasks associated with:
 - Executive Functioning

Simulated Environments

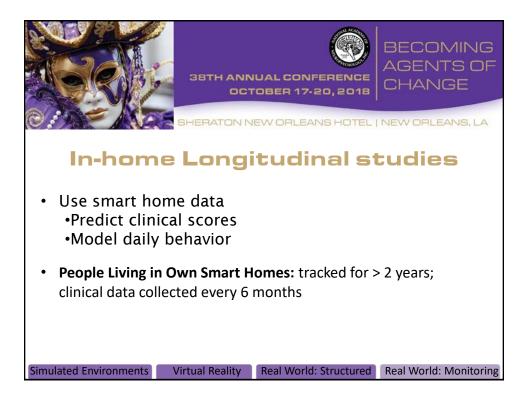
Virtual Reality Real World: Structured Real World: Monitoring

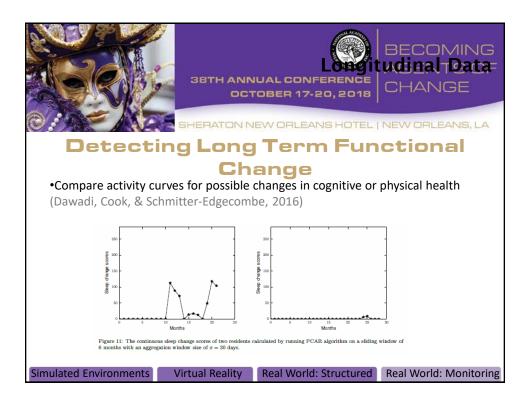


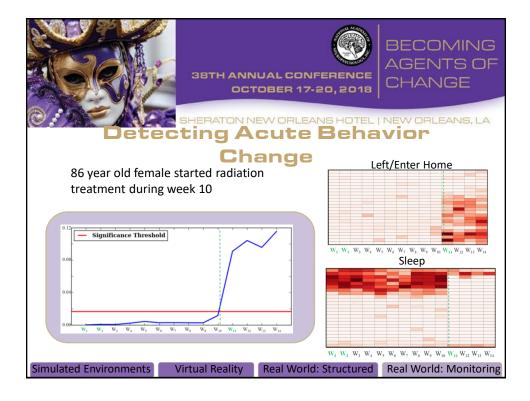


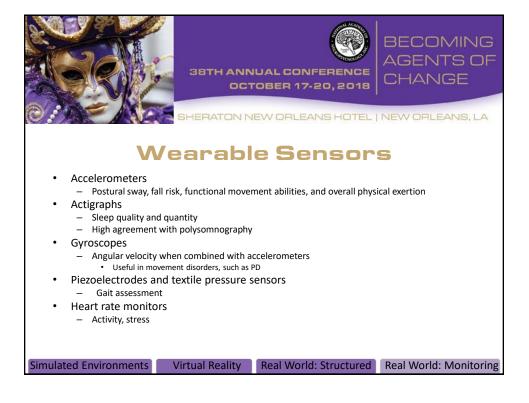


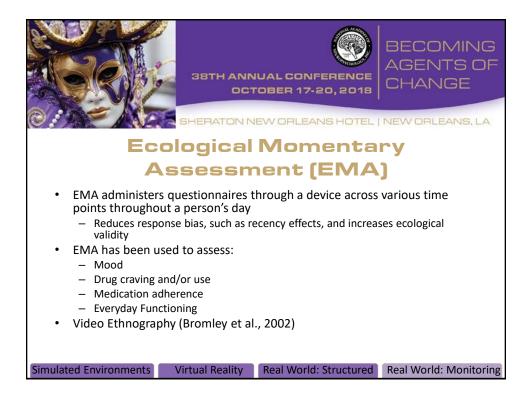






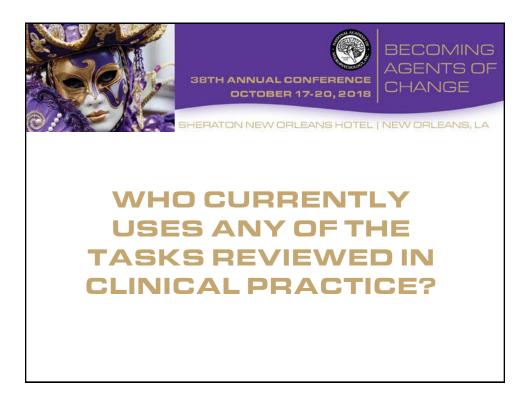


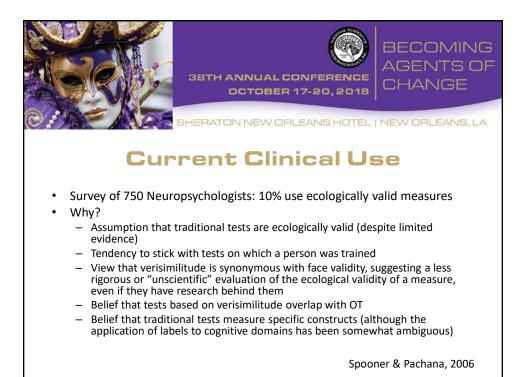












	38TH ANNUAL CONFE OCTOBER 17-2 BHERATON NEW ORLEAN	0,201	8 CHANGE
Demographics:	Test	%ile	Descriptor
22 years old	WTAR	95 th	Superior
· · · · · · · · · · · · · · · · · · ·	RBANS Indexes		
 Male 12 years of education Severe TBI Coma 4 weeks 5 years post-injury 	Immediate Memory	7 th	Borderline
	Visuospatial/Constructional	2 nd	Impaired
	Language	7 th	Borderline
	Attention	5 th	Borderline
	Delayed Memory	<1 st	Impaired
	Total Score	3 rd	Borderline
	D-KEFS subtests		
	Design Fluency	1 st	Impaired
	Letter Fluency	9 th	Low Average
	Digit Cancellation	<1 st	Impaired
	Grip Strength	N/A	Dominant hand=BNL

	OCTOBER 17-20, 2018 CHANGE			
	SHERATON NEW ORLEA	NS HO	TEL NEW ORLEANS, LA	
Demographics:	Test	%ile	Descriptor	
40 years old	WTAR	93 rd	Superior	
	RBANS Indexes			
 Female 16 years of education MS Diagnosed over 10 years ago 	Immediate Memory	5 th	Borderline	
	Visuospatial/Constructional	1 st	Impaired	
	Language	45 th	Average	
	Attention	34 th	Average	
	Delayed Memory	18 th	Low Average	
	Total Score	8 th	Borderline	
	D-KEFS subtests			
	Design Fluency	63 rd	Average	
	Letter Fluency	1 st	Impaired	
	Digit Cancellation	35 th	Average	
	Grip Strength	N/A	Dominant hand=BNL Non-Dominant Hand= BNL	

ase Example

38TH ANNUAL CONFERENCE

BECOMING





38TH ANNUAL CONFERENCE OCTOBER 17-20, 2018 BECOMING AGENTS OF CHANGE

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Guestions?