

38TH ANNUAL CONFERENCE OCTOBER 17-20, 2018



BECOMING AGENTS OF CHANGE

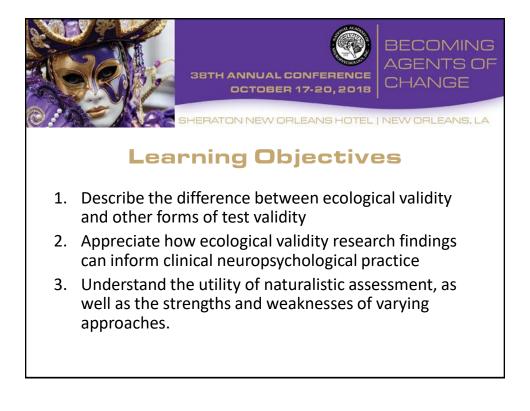
SHERATON NEW ORLEANS HOTEL | NEW ORLEANS, LA

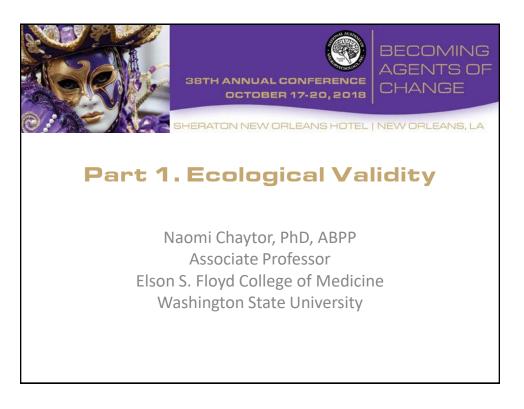
Course 2. Ecological Validity and Naturalistic Assessment: Research Update and Clinical Applications

Naomi Chaytor, PhD, ABPP Washington State University

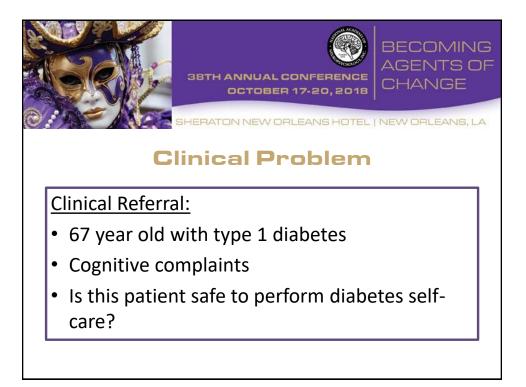
Kayela Robertson, PhD VA Puget Sound Health System

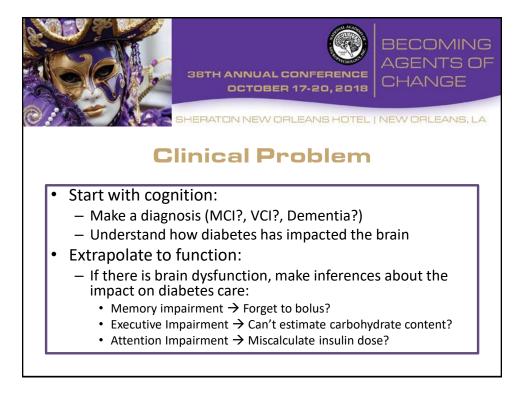


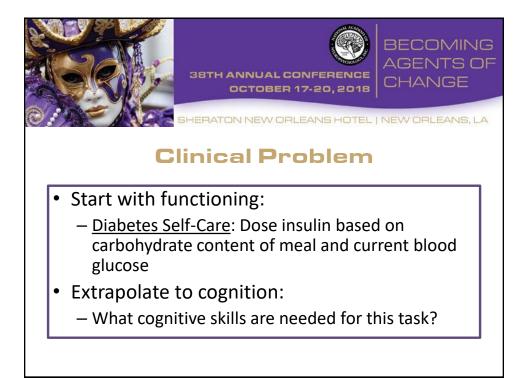


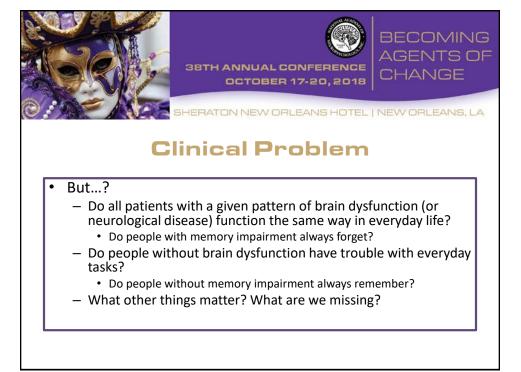


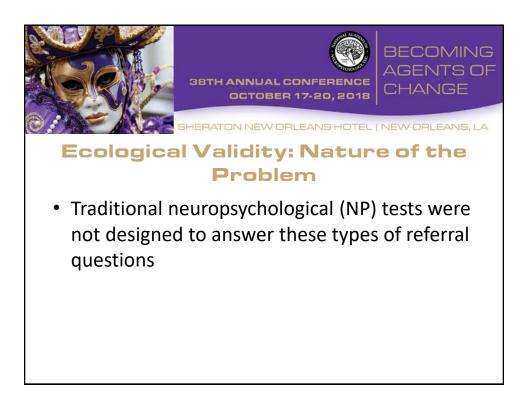


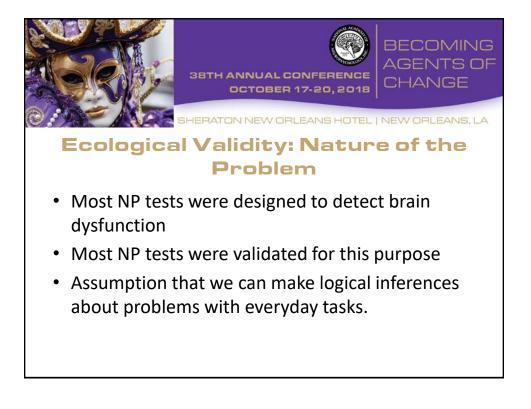


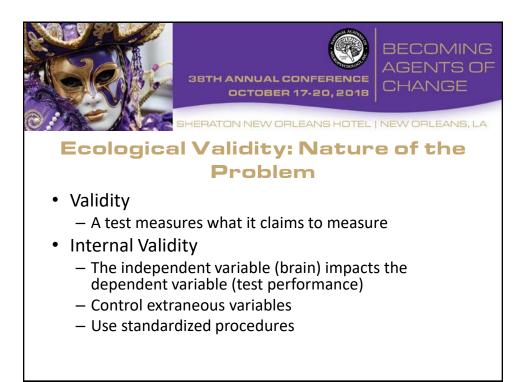


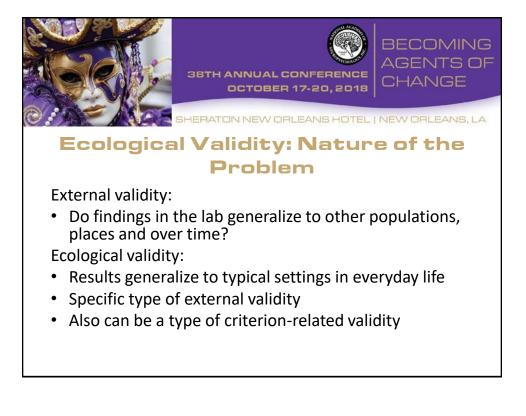


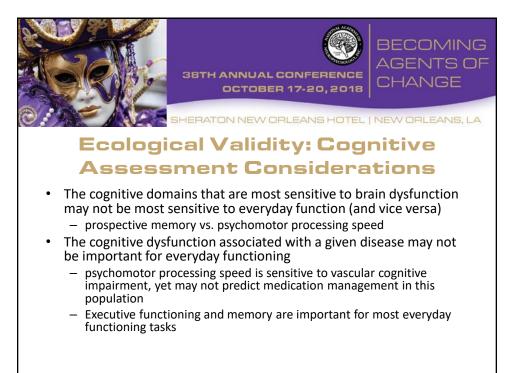




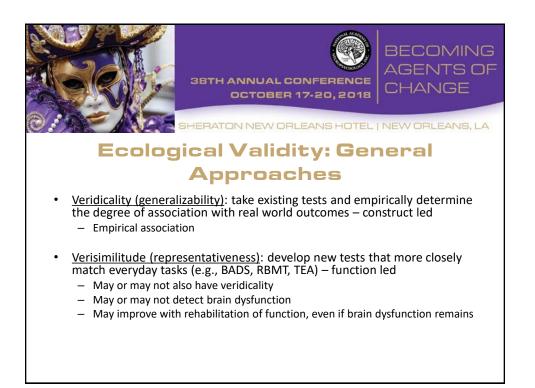




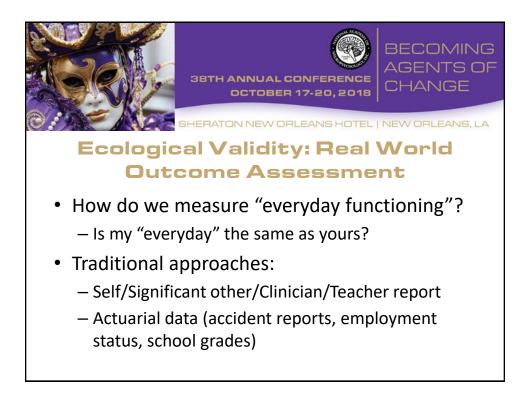




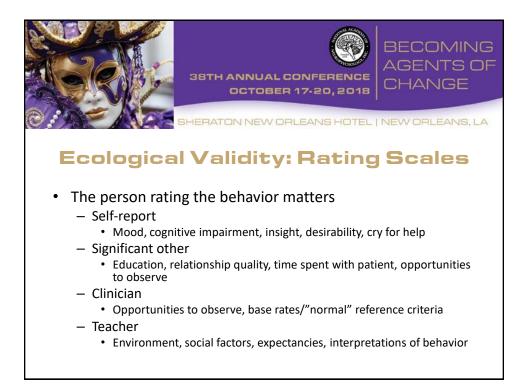


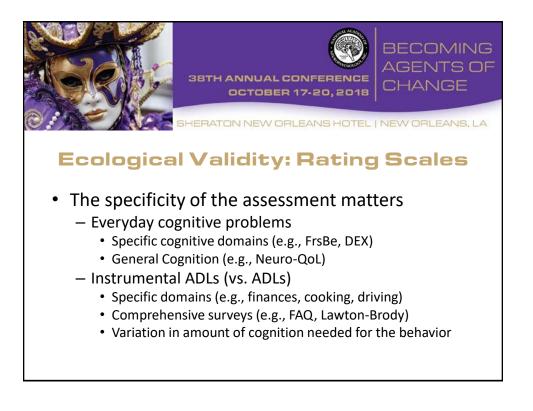


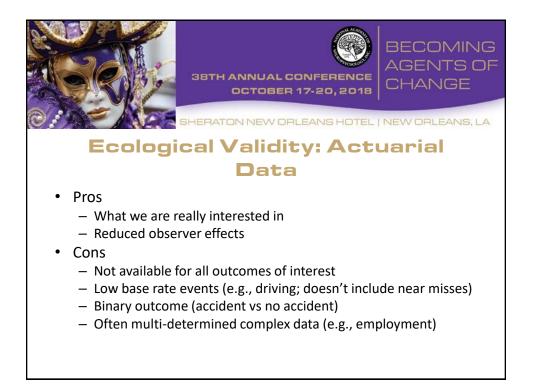


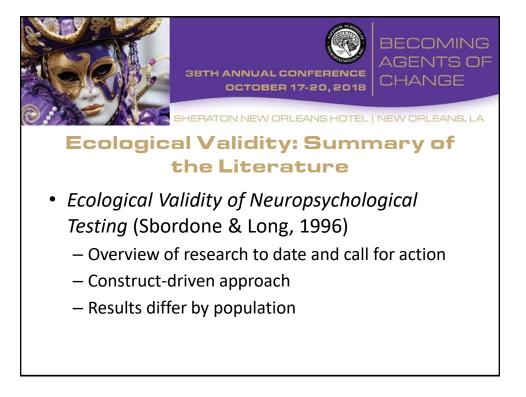


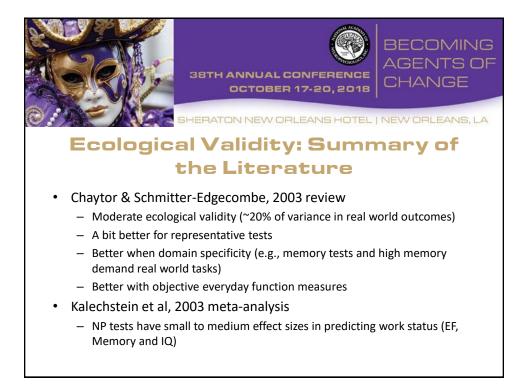


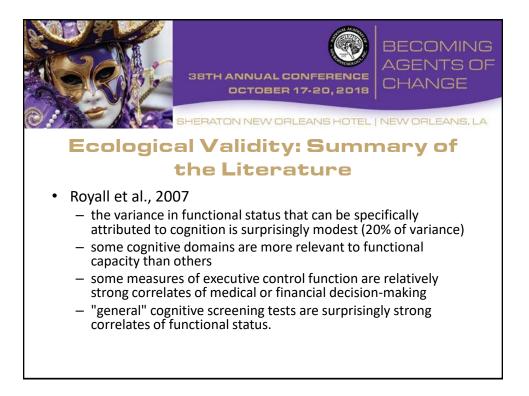


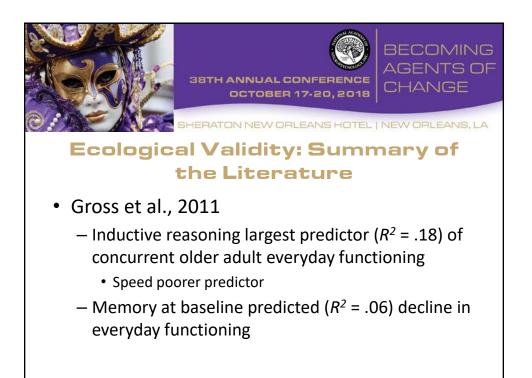


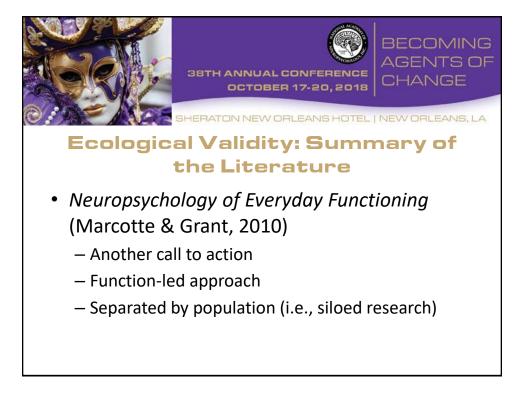


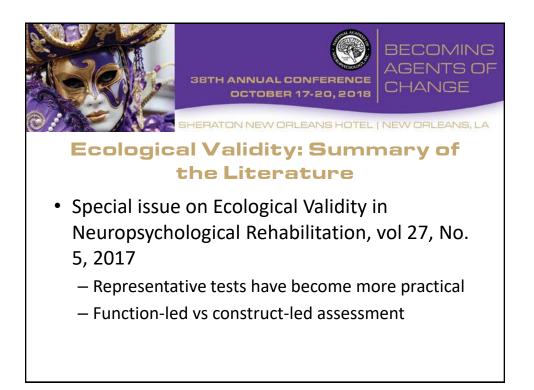


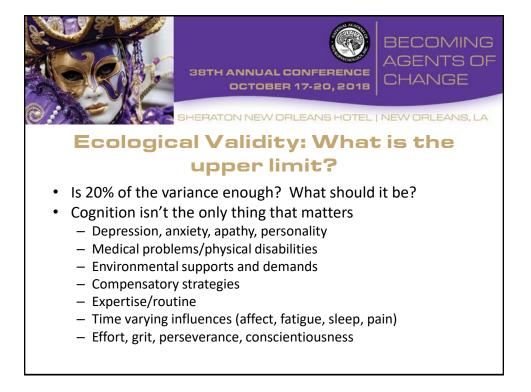


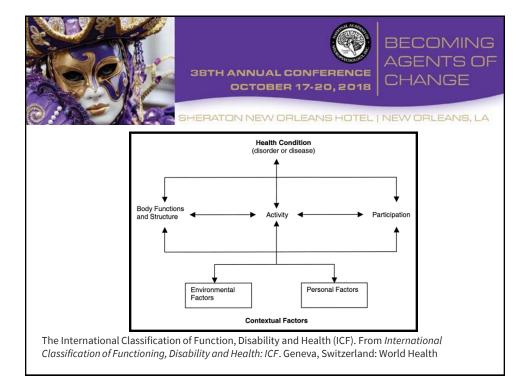


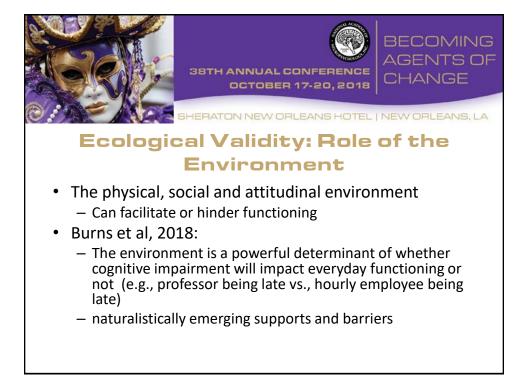


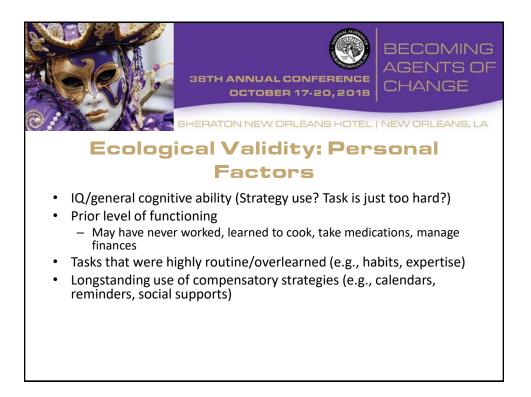


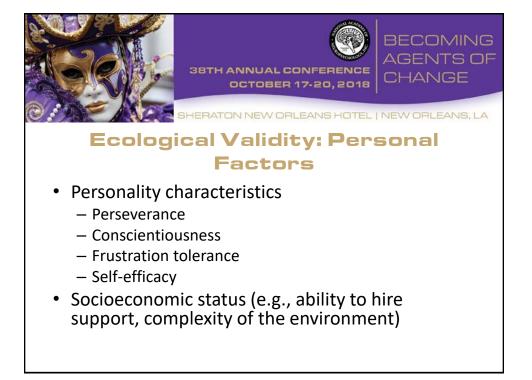


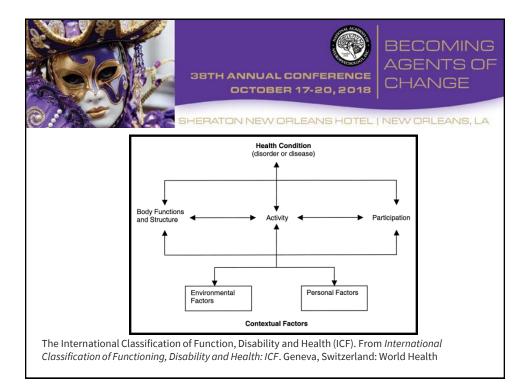


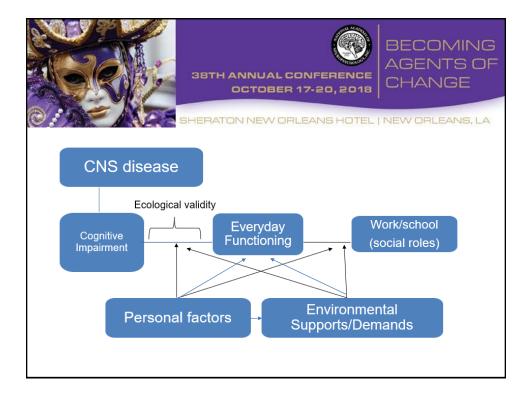


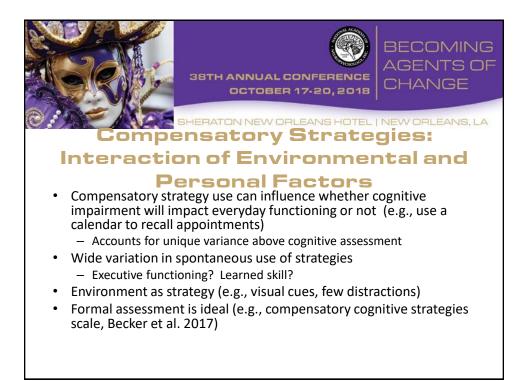


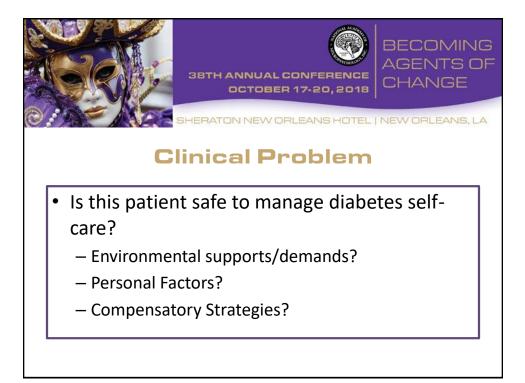


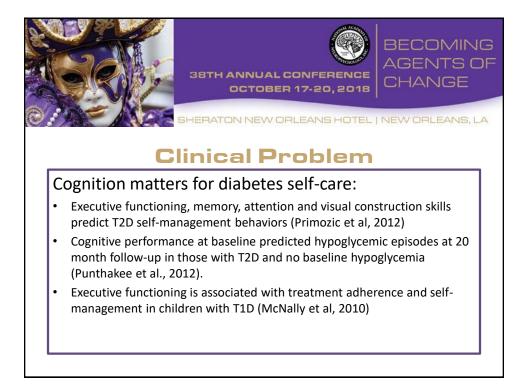














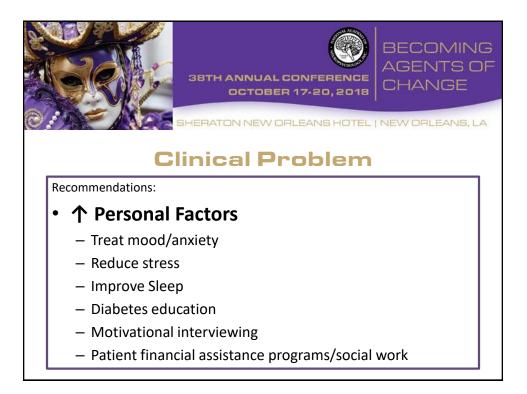
Clinical Problem

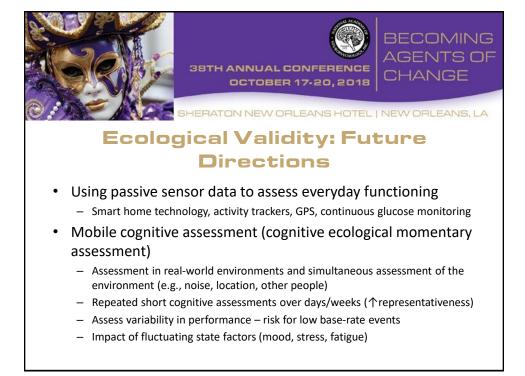
Environmental demand/supports:

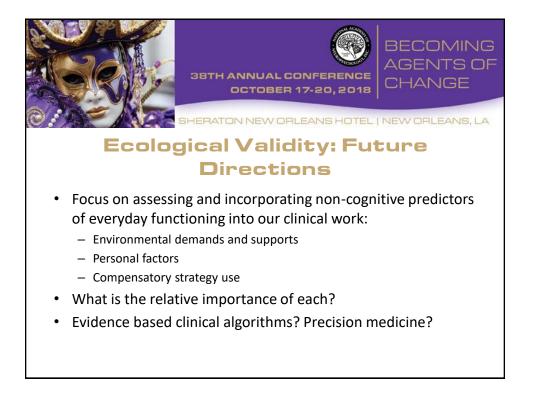
- How much variability in their routine/meals? How much do they eat out in restaurants? Does their treatment change often? Does someone else help them? Personal factors:
- How long have they had diabetes? How much diabetes education have they had?
- Comorbid medical and psychiatric disorders? Diabetes 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)?

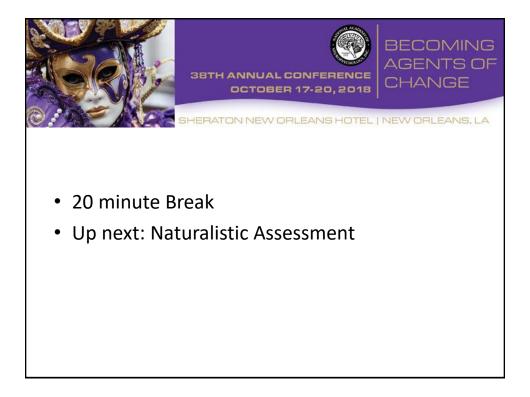


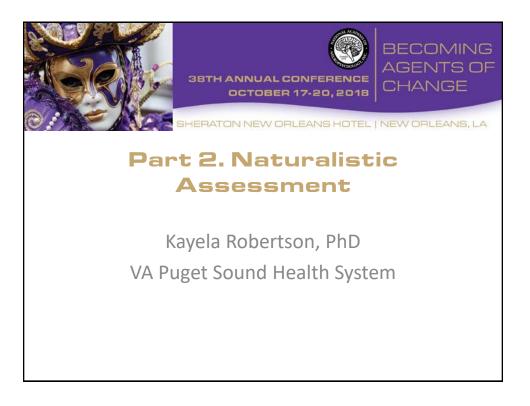


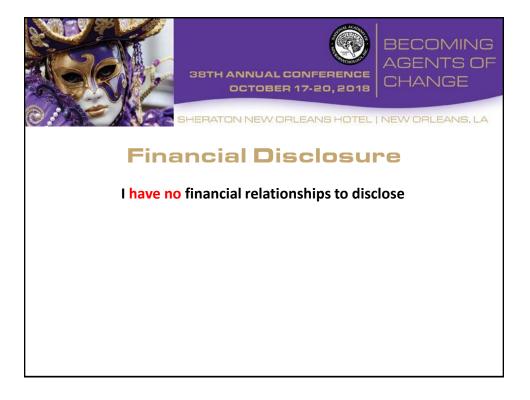




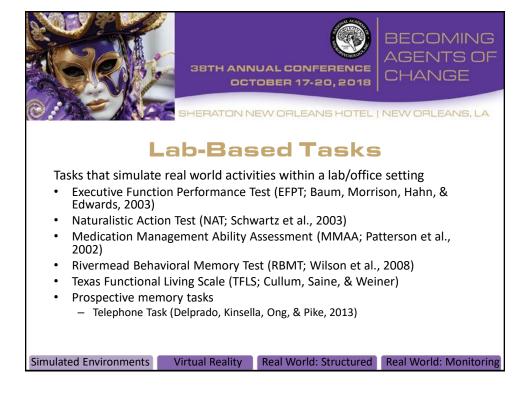






















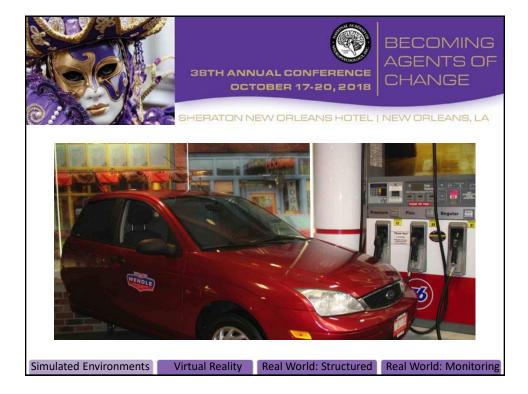








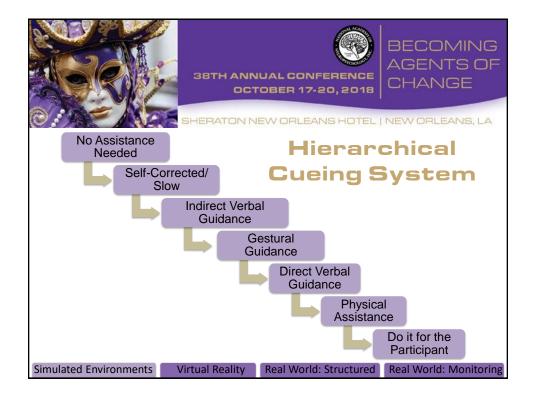


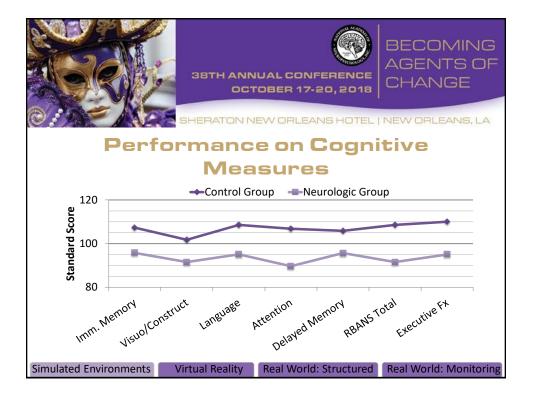


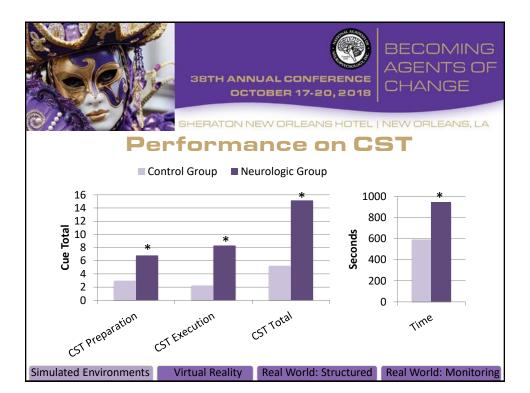


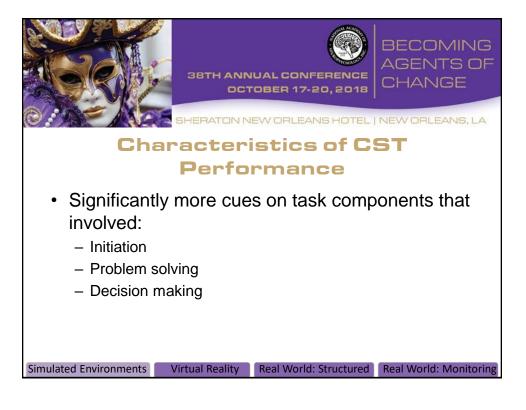
| BECOMING AGENTS OF BBTH ANNUAL CONFERENCE OCTOBER 17-20, 2018 SHERATON NEW ORLEANS HOTEL NEW ORLEANS, LA | |
|--|--|
| CST Task Components Recipe Section (Preparation) | |
| Begins task Looks up recipe Refers to items that they have at home Begins writing down items Writes down paprika Writes down 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 |

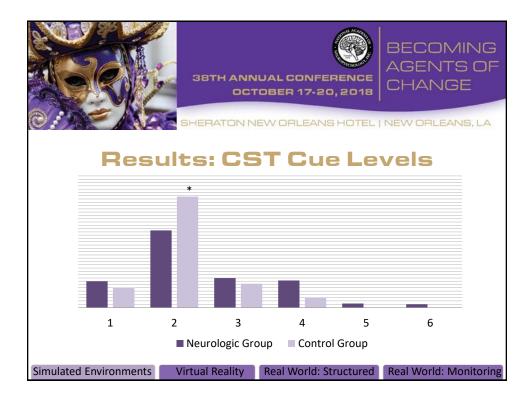
| BECOMING AGENTS OF OCTOBER 17-20, 2018 BHERATON NEW ORLEANS HOTEL I NEW ORLEANS, LA CSTTASK Components | |
|--|---|
| Shopping Section (Execution) | Gets items not needed |
| Begins taskChooses a shopping instrument | Brings items to cashier |
| Consults grocery list | Sets items on counter |
| Begins 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 |

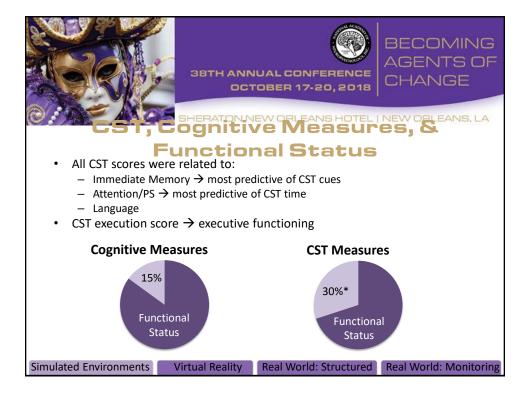




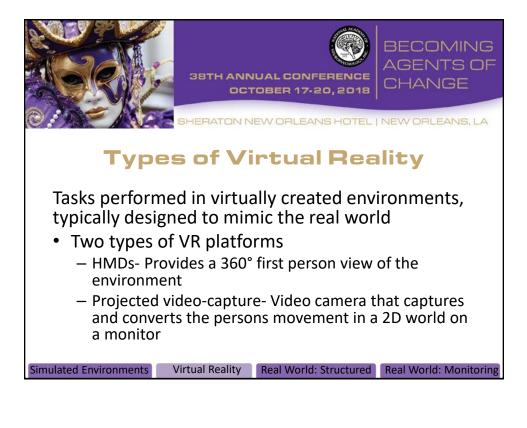


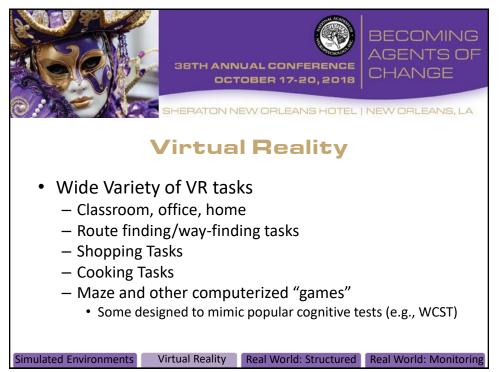




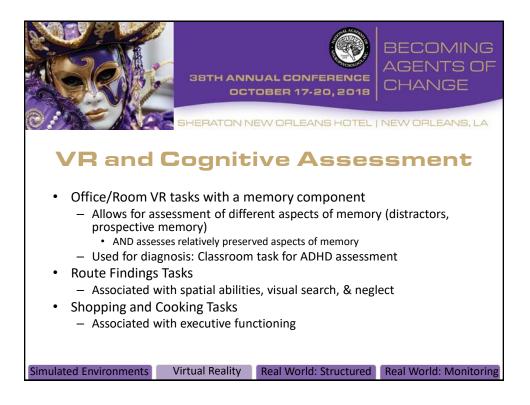


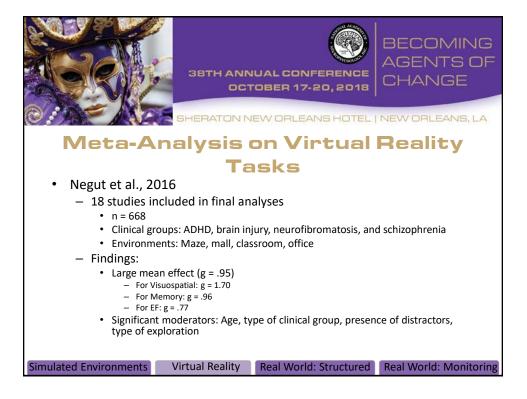


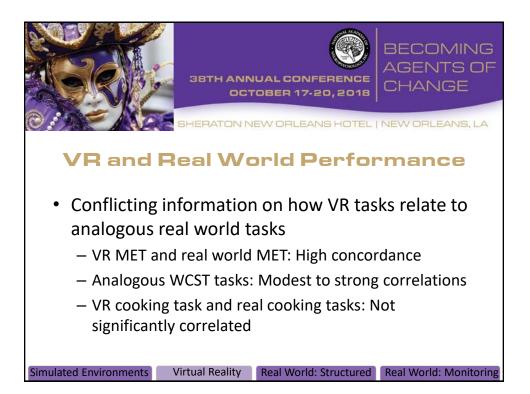


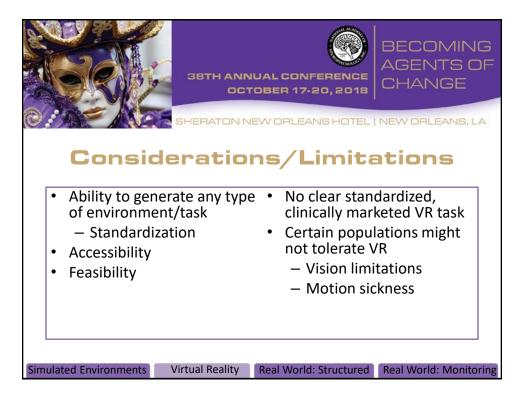


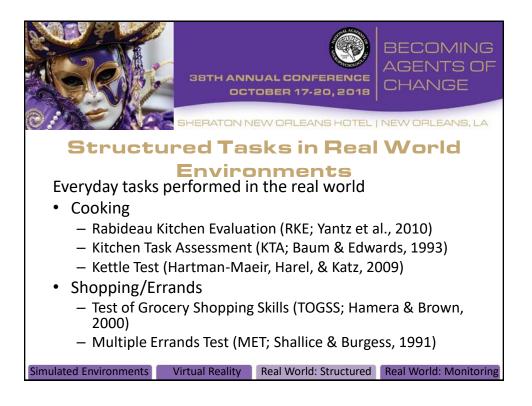






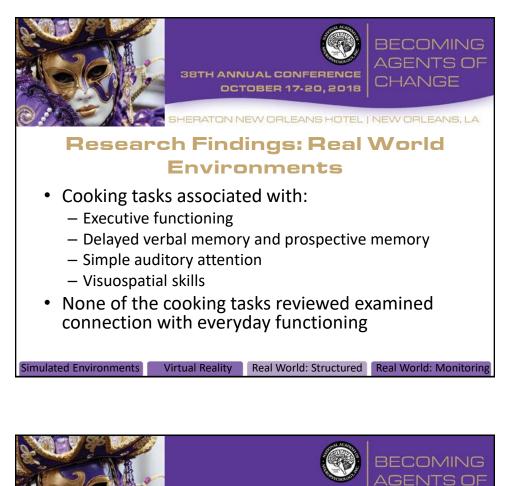














SHERATON NEW ORLEANS HOTEL | NEW ORLEANS, LA

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

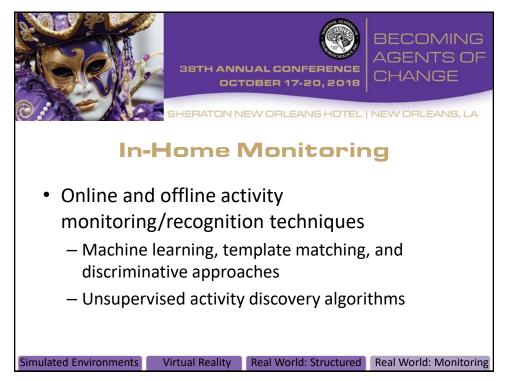
Simulated Environments

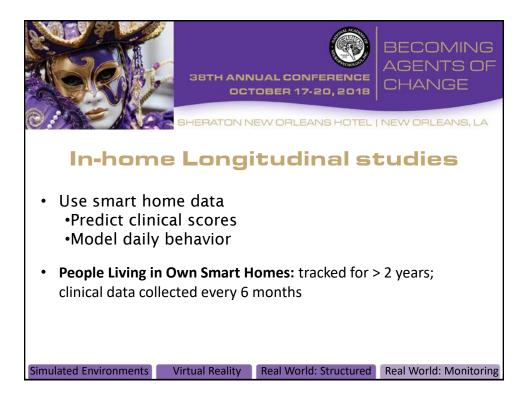
Virtual Reality Real World: Structured Real World: Monitoring

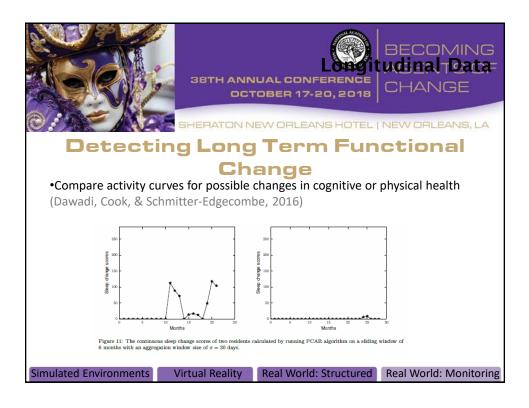


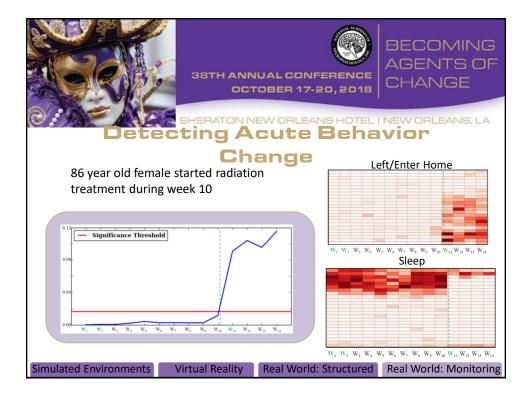


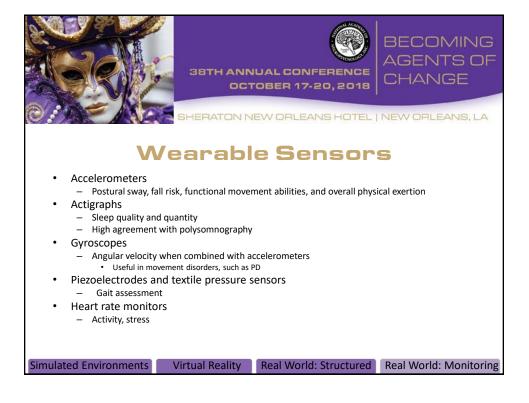


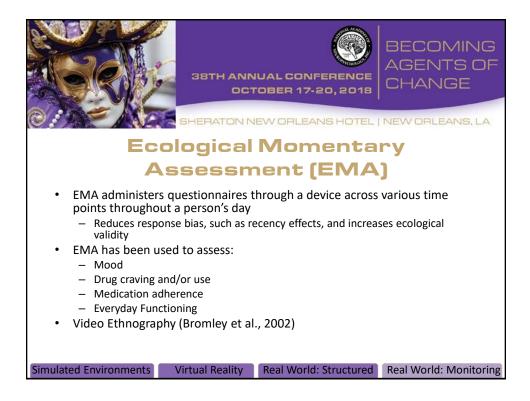




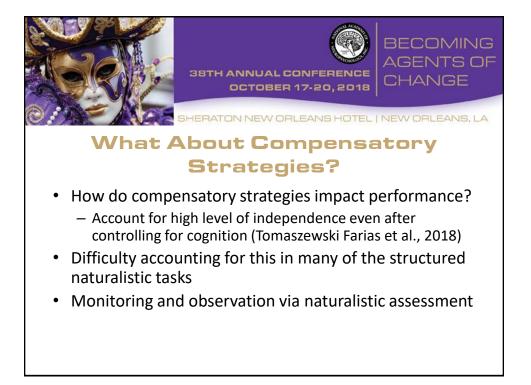


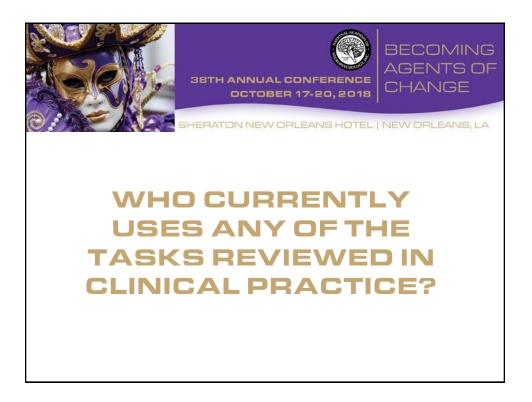


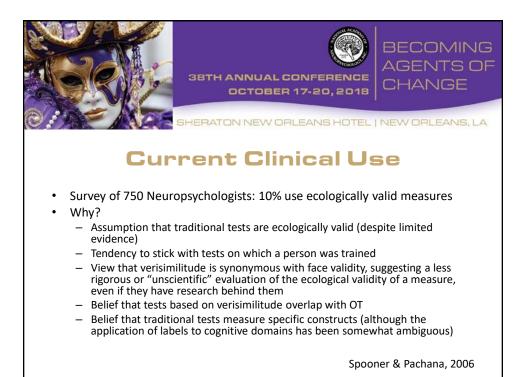












| | 38TH ANNUAL CONFE OCTOBER 17-2 BHERATON NEW ORLEAN | 0,201 | 8 CHANGE |
|--|--|------------------|-------------------|
| Demographics: | Test | %ile | Descriptor |
| 22 years old | WTAR | 95 th | Superior |
| · · · · · · · · · · · · · · · · · · · | RBANS Indexes | | |
| Male 12 years of education 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?