

SIRC Instrument Review Project



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Overview

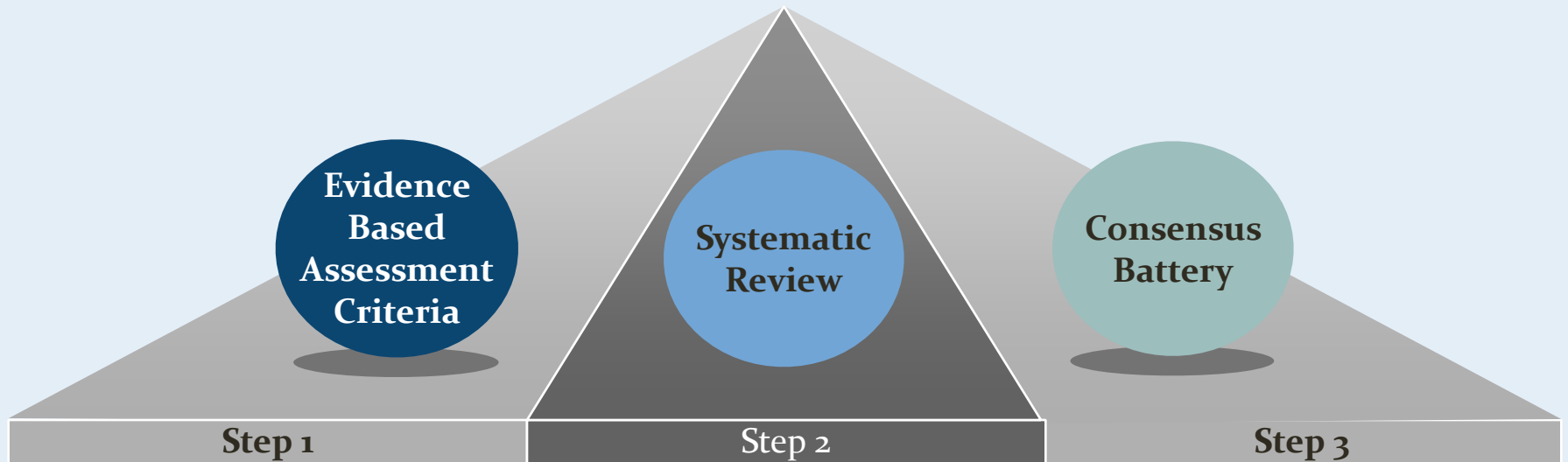
- ◆ Background & Project Goals
- ◆ Evidence Based Assessment Criteria
- ◆ Systematic Review Scope & Process
- ◆ Preliminary Results
- ◆ Website Tour
- ◆ Summary & Future Directions

Impetus for the project

- ◆ Lack of communication
- ◆ Confusing state for stakeholders
- ◆ Measure redundancy
- ◆ Constructs with no measures
- ◆ Need to prioritize both measure quality and usability

Project Goals

Online Instrument Repository for SIRC Members



Evidence Based Assessment Criteria

- ◆ Based on: Hunsley & Mash (2008) and Terwee et al (2012)
- ◆ Vetted by 58 SIRC SPG members
- ◆ Reviewed by 2 test developers
- ◆ Piloted by Bryan Weiner's team at UNC
- ◆ Preliminary Evidence demonstrates strong reliability
- ◆ Total possible score is 24

0 = None

1 = Minimal

2 = Adequate

3 = Good

4 = Excellent

Reliability

- ◆ Internal Consistency

Validity

- ◆ Structural
- ◆ Predictive

Sensitivity

- ◆ Responsiveness

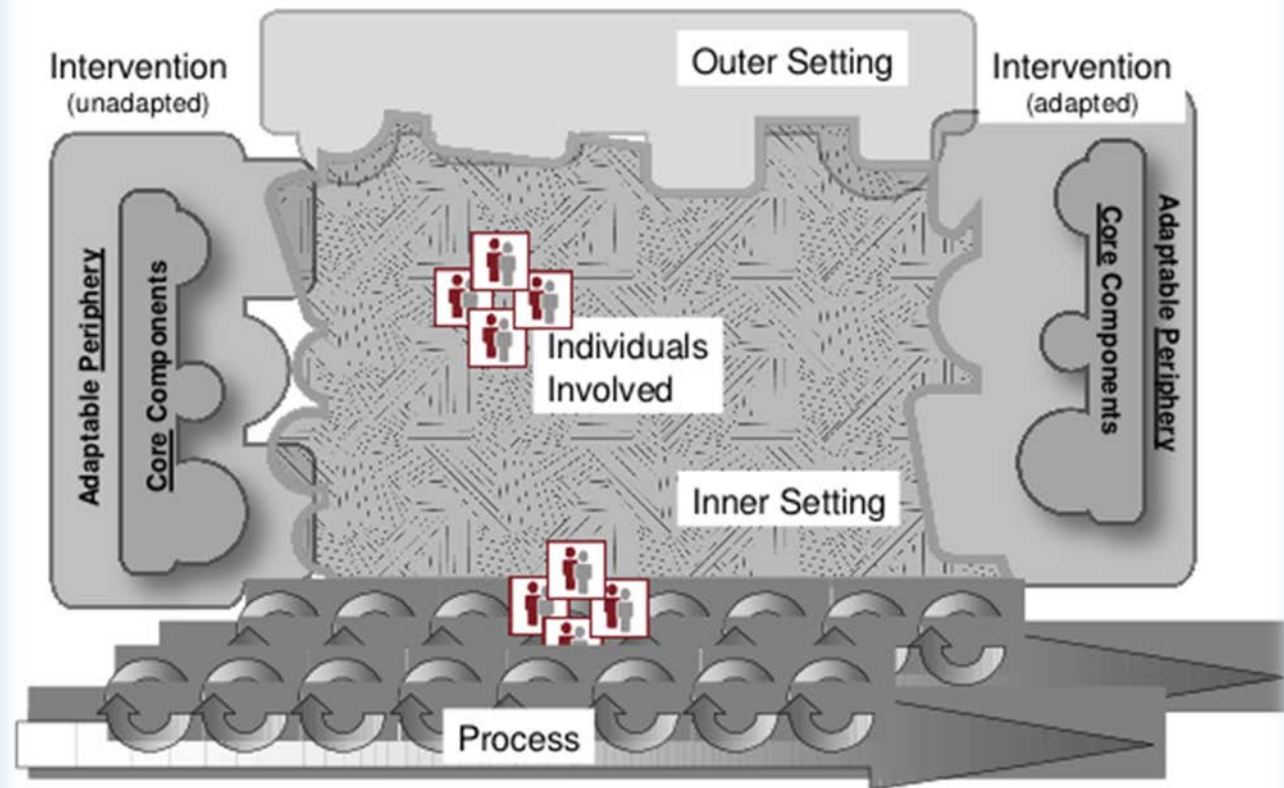
Practicality

- ◆ Usability
- ◆ Norms

Framework & Scope

Consolidated
Framework for
Implementation
Research

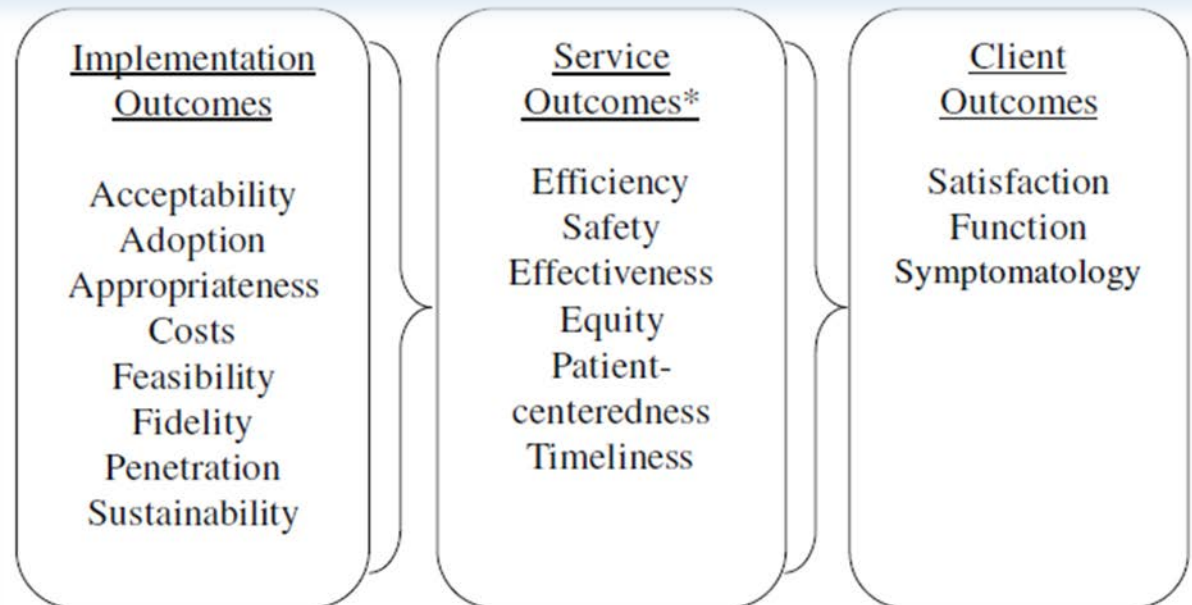
39 Constructs



Framework & Scope

Outcomes for
Implementation
Research

17 Constructs

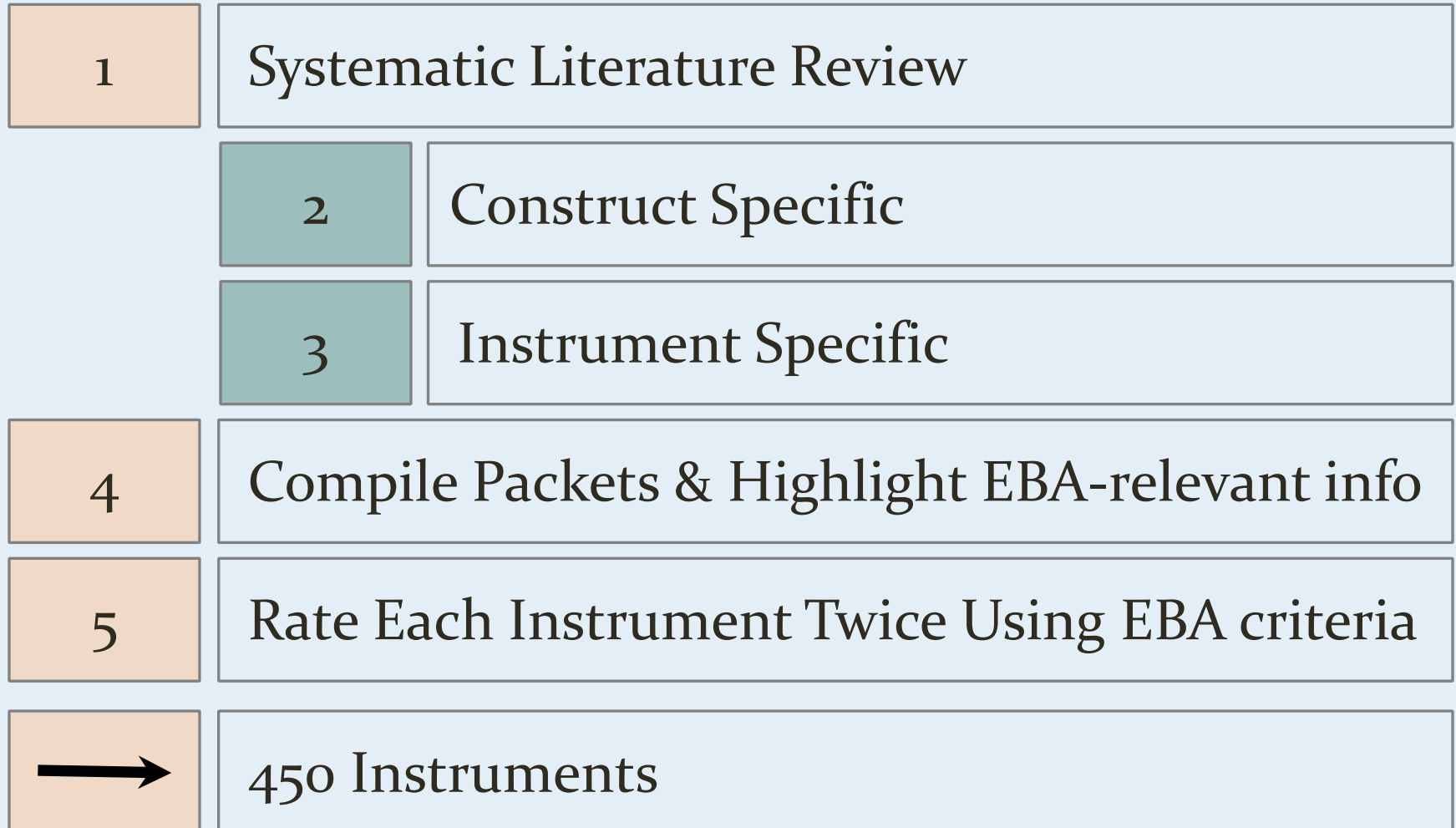


*IOM Standards of Care

Final List of Constructs

CFIR Domains	Construct	Outcomes	Construct
Characteristics of Individuals	Knowledge & Beliefs about Intervention Individual Stage of Change Individual Identification with Organization Other Personal Attributes Self-Efficacy	Implementation Outcomes	Acceptability Adoption Appropriateness Feasibility Penetration
Inner Setting	Culture Implementation Climate Networks and Communications Readiness for Implementation Structural Characteristics	Client Outcomes	Sustainability Satisfaction
Intervention Characteristics	Adaptability Complexity Cost Design Quality and Packaging Evidence Strength and Quality Intervention Source Relative Advantage Trialability	<div style="text-align: center;"> <h2>33 Total Constructs</h2> <h3>Consolidated Framework for Implementation Research</h3> </div>	
Outer Setting	Cosmopolitanism External Policy and Incentives Patient Needs and Resources Peer Pressure		
Process	Engaging Executing Planning Reflecting and Evaluating		

Systematic Review & Synthesis Process



Preliminary Results

- ◆ Constructs with ZERO instruments
 1. Design Quality and Packaging
 2. Intervention Source
 3. External Policy and Incentives
 4. Peer Pressure
 5. Implementation Climate: Tension for Change
 6. Implementation Climate: Goals and Feedback
 7. Engaging: Formally Appointed Internal Implementation Leaders
 8. Engaging: Champions

- ◆ Average # of instruments = 18.6 (in the 6 Implementation Outcomes constructs)

Website Tour

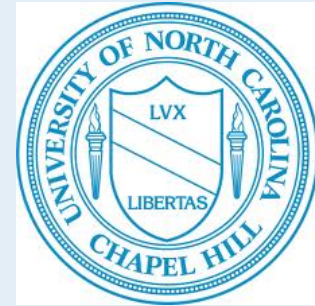
Summary of Website Features

Goal	Feature
Promote use of theory/framework to guide implementation research	Consolidated Framework for Implementation Research

Future Directions

- ◆ Complete the Systematic Review and Rating of Remaining Constructs
- ◆ Consider Development of a Consensus Battery
- ◆ Create Capacity for Online Shared Data Warehouse

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