# **From Evidence to Impact**

**Bridging the Gap Between Research and Practice** 

### What is an evidence-based practice?

"conscientious, explicit and judicious use of current best evidence in making decisions about the care of individuals"

"the integration of best research evidence with clinical expertise and [client] values"





## The "Evidence" Hierarchy

Systematic review/meta-analysis of all relevant randomized controlled trials

Evidence-based clinical practice guidelines based on systematic reviews of RCTs

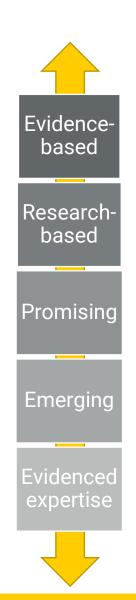
Evidence obtained from at least one well-designed RCT

Evidence obtained from well-designed controlled trials without randomization and from well-designed case-control and cohort studies

Evidence from systematic reviews of descriptive and qualitative studies

Evidence from a single descriptive or qualitative study

Evidence from the opinion of authorities and/or reports of expert committees





## **Degree of Implementation**

Fidelity is the degree to which something matches something else

How closely a program operates to a program model (i.e., standards) High Fidelity = Better Outcomes

> Low Fidelity = Worse Outcomes



## Let's bake a cake "to fidelity"

BAKING INSTRUCTION		







## Why this matters?

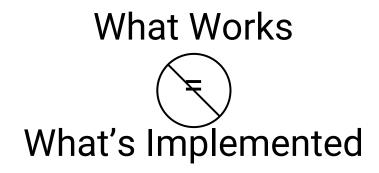
- Improved patient outcomes
- Increased credibility and professionalism
- Cost-effectiveness and resource optimization
- Standardization and quality assurance
- Adaptability to new research





### **Evidence-to-Practice Gap**

• More research today than ever before.





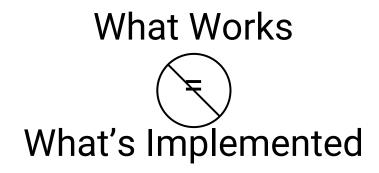




What is the biggest barrier you face in implementing best practices?

### **Evidence-to-Practice Gap**

• More research today than ever before.







### **Realities of the Gap**

SPEED

Research is slow. Practice needs solutions yesterday. COMPLEXITY

Research gives us controlled, idealized conditions. Practice is messy, resourcestrained, and diverse. **OWNERSHIP** 

Research is often "done to" communities, not *with* them. That erodes trust and makes buy-in difficult.



## **Core Strategies for Bridging the Gap**

#### Use a Theory, Model, or Framework

Provide a structured approach to understanding, guiding, and evaluating the complex process of translating research into practical applications

#### **Train for Real Contexts**

Tailor trainings based on practitioner. Use coaching, simulation, roleplay—methods that reinforce skills under pressure.

#### **Co-Creation**

Successful implementation requires infrastructure form a cross-functional team

#### Data as Dialogue

Don't collect just to collect. Collect with intent and purpose. Review regularly and interpret to stakeholders.



### Implementation Science Theories, Models, and Frameworks

**Process Models** 

• Used to describe or guide the process of translating research into practice Determinant Frameworks

 Used to understand and/or explain what influences implementation outcomes

#### **Classic Theories**

 Used to understand and/or explain what influences implementation outcomes

#### Implementation Theories

 Used to understand and/or explain what influences implementation outcomes

#### Evaluation Frameworks

 Used to systematically evaluate implementation success



### Data as a Dialogue









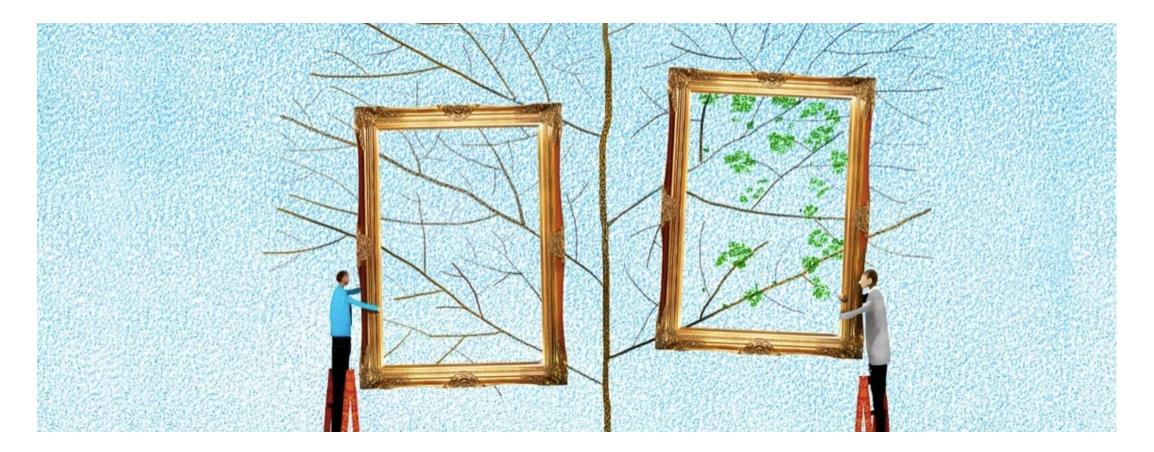


COLLECT THE RIGHT DATA – KEEP IT SIMPLE MAKE DATA VISIBLE AND UNDERSTANDABLE EMBED DATA INTO TEAM DIALOGUE USE DATA TO EMPOWER, NOT PUNISH

CLOSE THE LOOP WITH CLIENTS AND COMMUNITIES



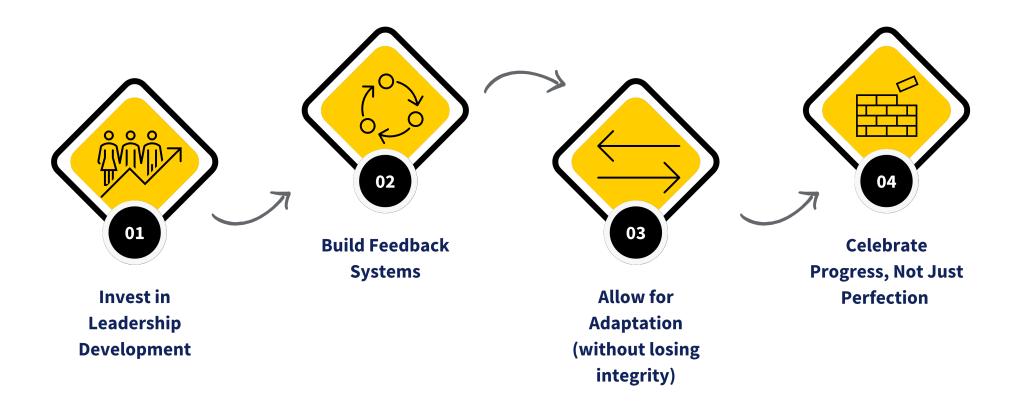
### **Reframing Success**





### **Everyone has a role**

#### **IMPLEMENTATION ISN'T AN EVENT. ITS A PROCESS.**





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#### Iowa's Center of Excellence for Behavioral Health

# **Thank You**

Torie Keith, LMSW Program Manager Center of Excellence for Behavioral Health <u>Victoria-keith@uiowa.edu</u> <u>Iowa-cebh@uiowa.edu</u>

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