

# Developing Measures of Evidence Use to Support Partnerships

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# Different Kinds of Collaborative Research in US Education

*Community  
Based  
Research*

Networked  
improvement  
communities

**Improvement science**

**Social Design Experiments**

**Research alliance**

*Youth  
participatory  
action research*

**Research collaborative**

**Research Practice Partnership**

*Design-based  
implementation  
research*

Collaborative  
evaluation

# What is a Research-Practice Partnership?

A long-term collaboration aimed at educational improvement or transformation through the production and use of research,  
intentionally organized to engage diverse forms of expertise and to ensure that all partners have a say in the joint work



Farrell, Penuel, Daniels, Steup, & Coburn, 2021

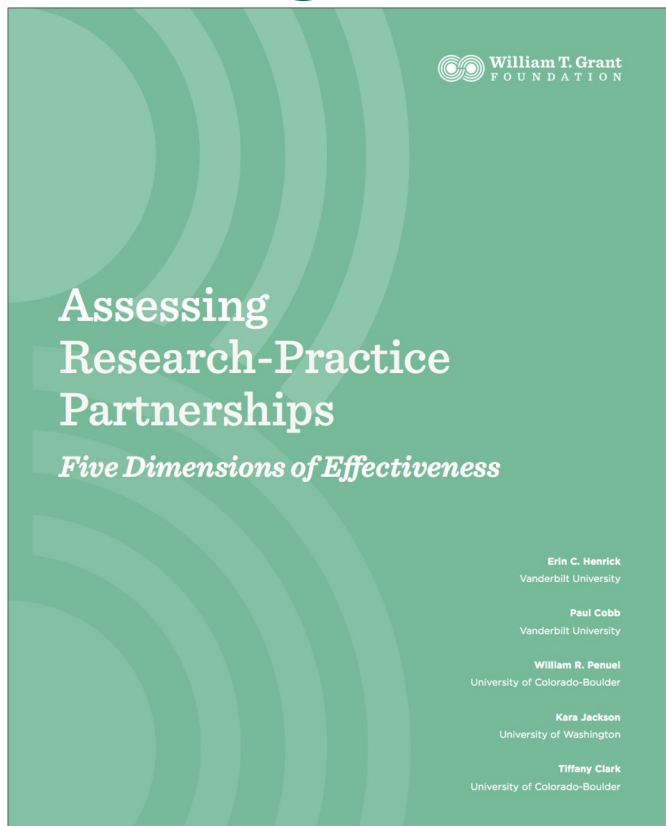
# Evidence of Impact of RPPs

- Emerging research base on RPPs' progress on their goals:
  - Shifts in research focus
  - Learning for those involved
  - “Uptake” of research findings into policy making
  - Development of research-based interventions that can improve student outcomes
- Next frontier:
  - Navigating complex systems
  - Incredible variation in RPPs
    - Goals, approaches, composition, orientation to equity, funding context
  - Learning across RPPs as a field

## Resources:

- [Annotated bibliography of RPPs' progress on range of goals](#)
- [Descriptive study of RPPs funded by Institute of Education Sciences](#)

# Defining RPP Effectiveness



- 5 Outcomes:
  - Building trust and cultivating partnership relationships
  - Conducting rigorous research to inform action
  - Supporting partner practice organization in achieving its goals
  - Producing knowledge that can inform education improvement efforts more broadly
  - Building the capacity of participating individuals and orgs

# Measurement Inquiry Questions

## ● **Constructs**

What are the key constructs to RPP effectiveness?

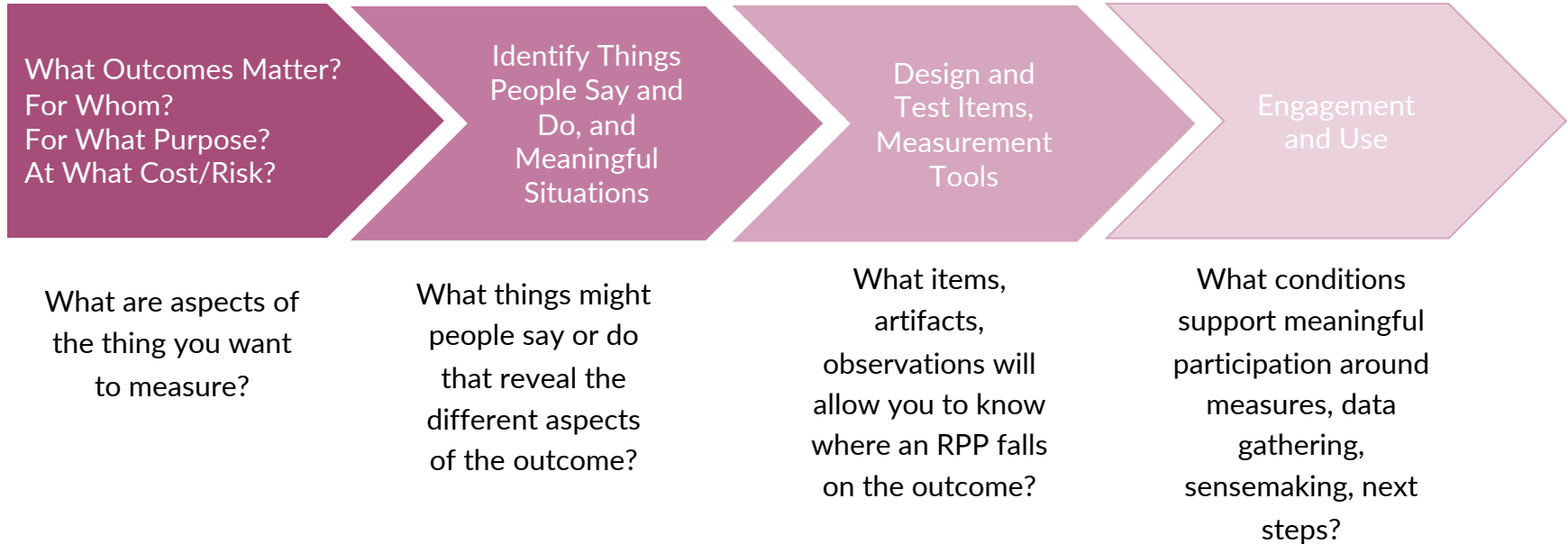
## ● **Measures**

What measures have validity evidence that can be used to evaluate RPP effectiveness?

## ● **Interpretation+Use**

What guidance, structures, and supports are needed for sensemaking, interpretation and use of evidence generated from the measures and partnerships themselves?

# Underlying Design Principles for Evidence-Centered Design



# Evidence-Centered Design Approach

- Update Framework*
- Interviews
  - Lit review + existing measures
  - Convening

- Measure Development + Testing*
- 65 RPPs, 285 RPP'ers
  - Varied by age + approach
  - Surveys and interviews

- Tools + Guidance*
- Evaluator insights
  - Prototype design and testing



*Participatory, Iterative, Mixed-Methods Approach*



# Revised and Updated Framework

Dimension 1:  
Cultivate trust and relationships

Dimension 2:  
Engage in research or inquiry to inform design and action

Dimension 3:  
Support partner organization in making progress on its goals

Dimension 4:  
Engage with the broader field to improve educational practices, systems, and inquiry

Dimension 5:  
Fostering ongoing learning and development for individuals, partnerships, and organizations

Revised Dimension  
Descriptions

Revised Indicators

Explicit emphasis on  
equity and power  
throughout

Intentional illustration  
of variation across RPPs  
and contexts

# Tools for Reflection

*Engaging with the tools will support...*

- More robust understanding of RPP health and meaningful collaboration
- Development of shared understandings of what dimensions look like (and could look like) for a unique RPP
- Growth across all the dimensions
- Learning across RPPs

*RPPs will be able to meaningfully adapt tools to their unique contexts, partnerships, and use-cases.*

Mini Routines  
(~5 minutes)

Discussion  
activities  
(~30 minutes)

Reflection  
prompts

Survey scales

# Today's Questions

- What is the most compelling evidence about how engaged research and its use makes a difference in your domain?
  - *Makes a difference...*
    - *For whom?*
    - *For what purpose?*
    - *At what cost/risk?*
    - *With what trade-offs?*
  - *Engaged research as compared to...?*

# Today's Questions

- How could investments in engagement be structured to help fill knowledge gaps about how engaged research and its use makes a difference?
  - *Surfacing the significant learning (ie., ways of being, doing, and knowing) required for engaged research for individuals, teams, institutions, funders, community members*
  - *(Re)designing + enacting an R&D infrastructure that supports new ways of being, doing, and knowing*
    - *Call for proposals, grant structures, annual reports, coaching, learning across teams*

## TOWARDS A FIELD FOR COLLABORATIVE EDUCATION RESEARCH

DEVELOPING A FRAMEWORK FOR THE COMPLEXITY OF NECESSARY LEARNING

THE COLLABORATIVE EDUCATION RESEARCH COLLECTIVE

[Towards a Field of Collaborative Education Research: Developing A framework for the complexity of necessary learning](#) (2023)