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**Fidelity and Beyond:
Developing and Using
Implementation Evidence in
Research and Development Projects**

Common Guidelines (IES & NSF, 2013)

Type of Research	Focus of Implementation Research
Design and development	<p>Develop measures with evidence of technical quality for assessing the implementation of the intervention in an authentic education delivery setting</p> <p>Develop evidence demonstrating the project's success in implementation (feasibility of implementation)</p>
Efficacy, impact, and scale-up	<p>Study reports should document implementation of both the intervention and the counterfactual condition in sufficient detail for readers to judge applicability of the study findings.</p> <p>Identify the organizational supports, tools, and procedures that were key features of the intervention implementation. If no evidence of a favorable impact is found, the project should examine possible reasons (e.g., weaknesses in implementation, evidence that raises questions about particular aspects of the logic model).</p>

Panelists

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Why “Beyond Fidelity”?

- Fidelity addresses the question, “Is it possible?”
- If the answer is “no,” then it is difficult to know why, if implementation research focuses only on whether teachers implemented.
 - Needed are methods for identify the learning problems local actors face
 - Needed are theories relevant to different levels of organization in schools.



Studying Implementation

Policy and implementation research offer multiple lenses for studying implementation:

- Individual-Personal (self-efficacy, knowledge for teaching, stages of concern)
- Interpersonal (social norms, informal collegial interactions)
- Organizational (alignment, competing institutional goals and priorities)



Informing Design

- Design supports to help teachers address some of the challenges to implementing innovations that can be anticipated based on past evidence (Weinbaum & Supovitz, 2010).
- Adapt professional development on the basis of variation in implementation (Harris, Phillips, & Penuel, 2012).



Your Questions



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Design Based
Implementation
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