Shrinking the Research to Practice Gap: Designing Feedback Systems for Schools

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Closing the Research to Practice Gap: Designing Feedback Systems for Schools

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Areas of Interest:
Implementation science and organizational performance feedback. Designing systems to promote the selection, use, and sustainability of evidence-based practice in schools. Research methodology - Systematic reviews, single-case designs and SCD effect size estimation.
“We know how to build better schools”

...the advances which have recently been made in our control of the learning process suggest a thorough revision of classroom practices and, fortunately, they tell us how the revision can be brought about.

Web of Causation for Implementation

"Ms. Peters, hold all calls. I'm busy implementing yet another hastily conceived and unproven educational innovation."

a.bacall
Where do we start?

Improved Fidelity Measures

Cost Effectiveness Analyses

Student Feedback (Teachers)
Enhancing Instruction through Student Feedback

• Students provide feedback on discrete teaching behaviors NOT opinions on teacher quality.
Implementation of Behavior Support Plans (BSPs/BIPs)

• Provided feedback on BIP quality and then examined the relationship between implementation fidelity and outcomes

• BIP quality predicts student outcomes but isn’t correlated with implementation fidelity
  • More technically adequate BIPs = More fidelity of implementation problems
Research Competencies

• Single Case Designs
• Behavioral Observation
• Applied Behavior Analysis
• Cost Effectiveness Analysis
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