



National Institute
on Alcohol Abuse
and Alcoholism

Implementation Research and Screening and Brief Intervention: Challenges and Opportunities

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Implementation Research: Last step in the research pipeline



Source: Lori Ducharme, NIDA

- Seeks to understand the behavior of health care professionals, organizations and consumers as potential factors in the uptake of evidence-based health care interventions
- Tests systematic (measurable, replicable) **strategies** for promoting adoption of evidence based practices, with fidelity, in routine clinical settings

Common Implementation Strategies

- **Planning Phase – engage stakeholders**
 - ❖ Needs assessment; readiness/capacity assessment
 - ❖ Build buy-in; enlist champions; create change teams
- **Education**
 - ❖ Training; training infrastructure; supervision
 - ❖ Coaching; performance feedback
- **Financial levers**
 - ❖ Incentives; disincentives
 - ❖ Involve payers in revising payment systems
- **Restructuring of service delivery**
 - ❖ Clinical team composition (adding behavioral health specialist, etc.)
 - ❖ IT solutions (clinical alerts, reminders, tablets/kiosks)
- **Quality Management Tools**
 - ❖ Performance measures



- Powell, et al., 2012 (detailed list)
- *Implementation Science* study protocols

Future of Implementation Research



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- Solid foundation of implementation research in SBI field
- Implementation research field is growing:
 - proliferation of “strategies”
 - measurement development
 - *Implementation Science* submissions/article on the rise
- Funding and training opportunities are emerging



*Excellent Review
of Measures:
Chaudior, Dugan & Barr
(2013)*

Symposium Topics

- Efficacy and effectiveness of brief advice and an analysis of SBI practice patterns (Peter Anderson)
 - Effectiveness of three SBI implementation strategies to increase SBI (Antonio Gual)
 - Role performance measures and electronic health records in increasing the uptake of SBI (Constance Weisner)
 - Synthesis of research on payment incentives and performance and implications for SBI (Constance Horgan)
 - What does it all mean? Discussant Comments (Rich Saitz)
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