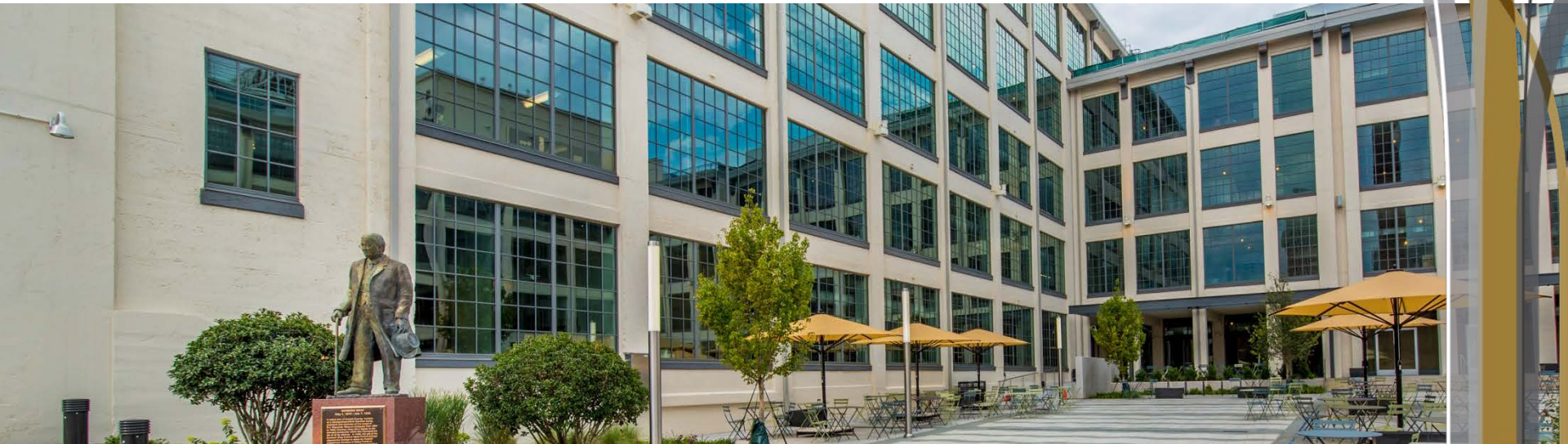


# Scaling the Mountain: A framework for building flexible interprofessional education activities

Gia G. DiGiacobbe and Erich J. Grant

Center for Experiential and Applied Learning



# Disclosures

The presenters have no conflicts of interest to disclose.

# Learning Objectives

Understand the importance of 'scalability' and discuss the application of this concept to the development of interprofessional education curriculum

Discuss common cultural, institutional/organizational and logistical barriers to the implementation of interprofessional education activities

Design relevant, sustainable and scalable interprofessional education activities using a flexible framework

# Workshop Plan

5 min Survey and introductory content

5 min Large group discussion about implementation of IPE

10 min Flexible framework approach to IPE

30 min Applying the framework in small groups

5 min Large group debrief



# What is your discipline?



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Which discipline(s) of learners do you have access to?



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You have an existing IPE curriculum innovation you'd like to see scaled

Yes

No

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# What do you see as the most common barrier to IPE implementation at institution?

- Cost
- Scheduling
- Participant interest
- Physical distance
- Design uncertainty
- No central leadership
- Faculty buy-in
- Other

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# Is there a IPE center, hub or leader at your institution?

Yes

No

I'm not  
sure

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# Do you have experience with implementation science concepts?

Yes

No

What is implementation science?

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# Implementation Science in Medical Education

**Build upon research outcomes** to guide decision-making while simultaneously evaluating the successes of best practices in individual settings

Ensure that the best educational practices are both **easier and faster to implement widely**

**Clarify what interventions work where, when, how, and for whom** in order to implement innovations, programs, and processes effectively

# One Example

It's not always easy to play nice in the sandbox



# Key Terms

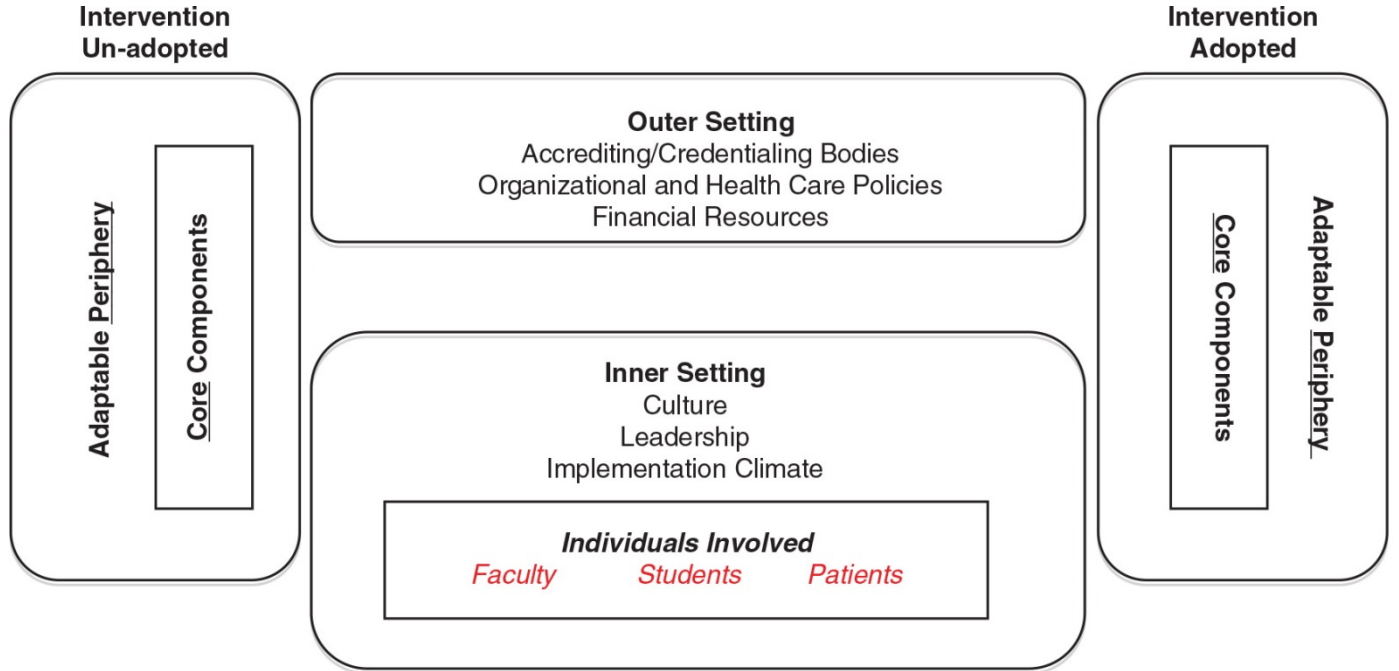
**FIDELITY**

**DE-IMPLEMENTATION**

**SCALABILITY**

**HYBRID DESIGN**

# Example



Process Cycles

# Large Group Discussion

Barriers and facilitators to implementing interprofessional education activities





# Our Application of a Flexible Framework

Implementation science principles applied to educational planning



# Assessing Implementation

Allows for evaluation of an implementation strategy parallel and is engaged with the educational outcomes

Acceptability

Adoption

Appropriateness

Feasibility

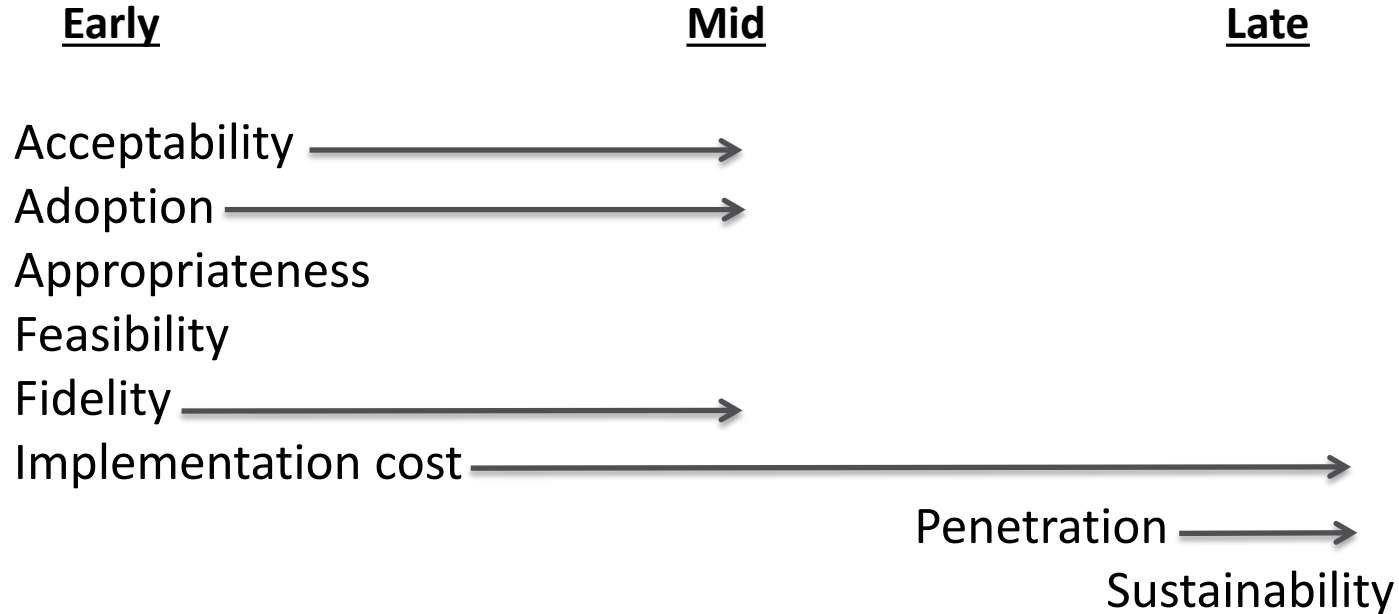
Fidelity

Implementation cost

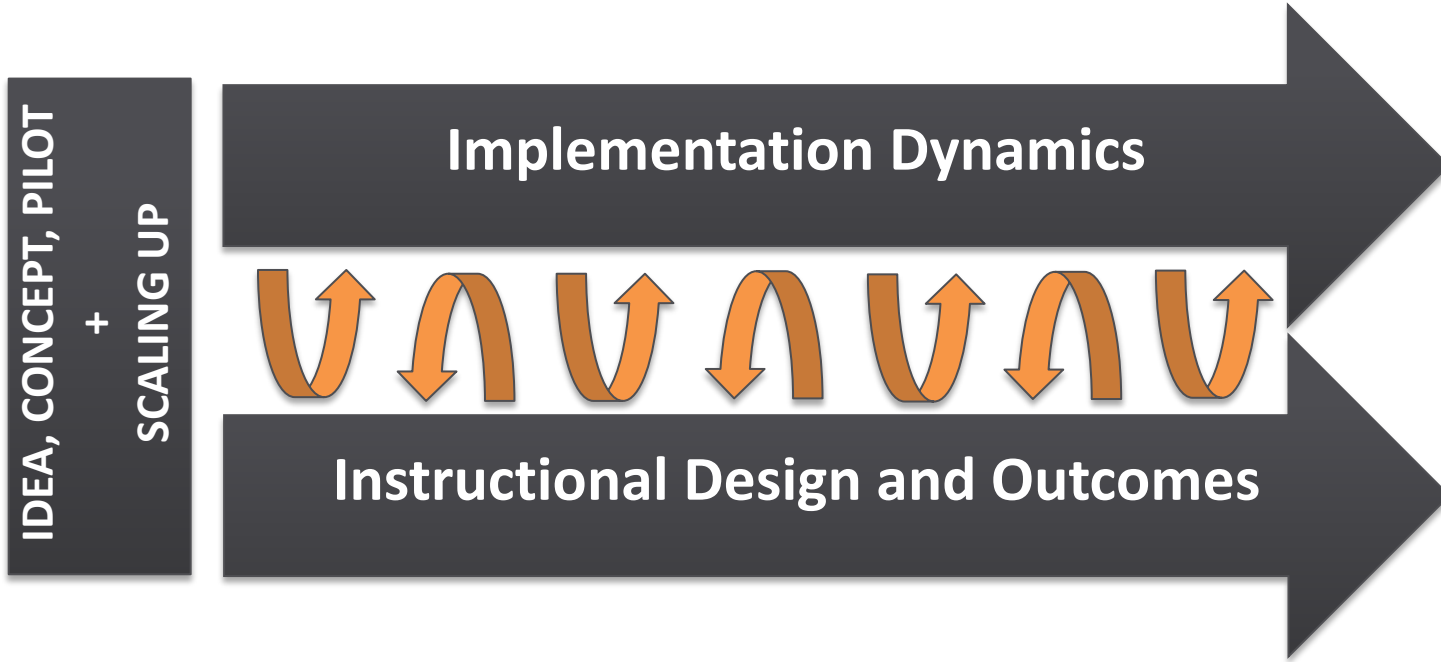
Penetration

Sustainability

# Temporal considerations in implementation study



# Hybrid design



# Small Group Discussion

Building an interprofessional education approach using a flexible framework

# Content Areas Your Group Might Consider

- Patient safety
- Ethics
- Professionalism
- Population health/epidemiology
- History taking and physical exam
- Anatomy
- Addiction/pain management (opioids)



# Debrief

What did we learn? What are next steps?

# Works Cited and a Thank You

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([www.dukeendowment.org](http://www.dukeendowment.org))

Proctor E, Silmere H, Raghavan R, Hovmand P, Aarons G, Bunger A, Griffey R, and Hensley M. Outcomes for Implementation Research: Conceptual Distinctions, Measurement Challenges, and Research Agenda. *Adm Policy Ment Health* (2011) 38:65-70.

Carney P, Crites G, Miller K, Haight M, Stefanidis D, Cichoskikelly E, Price D, Akinola M, Scott V, and Kalishman S. Building and Executing a Research Agenda Toward Conducting Implementation Science in Medical Education. *Med Educ Online* (2016).

Djukic M, Fulmer T, Adams J, Lee S, and Triola M. NYU3T: Teaching, Technology, Teamwork: A Model for Interprofessional Education Scalability and Sustainability. *Nurs Clin N Am* 47 (2012) 333-346.

Lim K, Hung D, Huwang J. Towards a situative view of extending and scaling innovations in education: a case study of the six learnings framework. *Educ Res Policy Prac* (2011) 10:77-89.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3698732/>

<http://re-aim.org/about/applying-the-re-aim-framework/>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2951937/>