Title Slide: Time Issues in Multilevel Interventions for Cancer Treatment and Prevention

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Slide 2: Key Assumptions

- Individual subjects of MLIs are not static - they change systematically in ways unrelated to the intervention and in ways that may increase or decrease the effects of the intervention
- Organizations or environments do not operate in steady state mode - they change in ways that may impact the fidelity of the intervention and its effects on patients

Slide 3: Time as the Third Dimension of MLIs

- Vertical relationships among levels in MLIs affected differently by change, or temporal stage of development in these levels
- Concept of time adds an additional dimension to multilevel models and interventions - levels, cross-level, time
- Complex set of program design and evaluation challenges in MLIs become more complex with the addition of temporal elements

Slide 4: Two dimensions of MLIs: Level and Inter-level

[Image]
Pyramid divided into three sections. The base is Individual, the middle is Organization and the top is Environment. Each section is connected to the one above it with a bidirectional arrow.
Pyramid divided into three sections. The base is Individual, the middle is Organization and the top is Environment. Each section is connected to the one above it with a bidirectional arrow. Each section of the pyramid has an extension on its side and this defined as time. Each time section is connected to the one above it with a bidirectional arrow.

Slide 6: Where Does Time Fit in MLI Evaluation and Program Design?

- Patient level - time as a level embedded within individual patients
- Organizational level
- Environmental level
- Interaction of time issues across levels

Slide 7: Four Time Issues Addressed in the Paper

- Role of disease life course and growth trajectories in multilevel interventions
- Approaches to incorporating time in research and program design for multilevel interventions
- Analysis of time using multilevel data
- Resource considerations of incorporating time as a dimension of multilevel interventions and research

Slide 8: The Big Question

How does time potentially affect relationships across levels in multilevel interventions?