Overall Approach for the EBHV Cross-Site Evaluation

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Heather Koball

EBHV Annual Grantee Meeting

March 30, 2009

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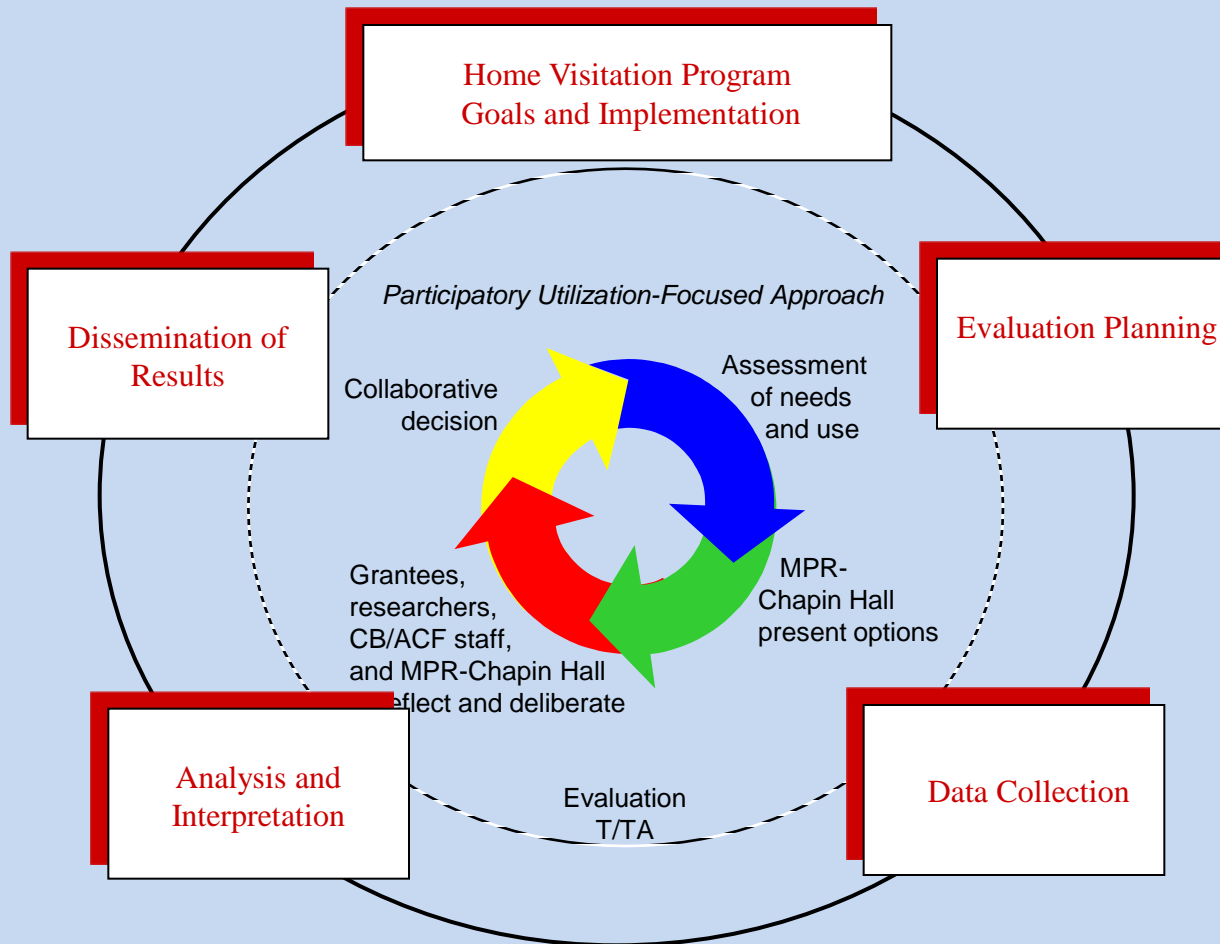
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Roadmap to the Afternoon

- **Review progress made since the grantee kick-off meeting**

- **Present emerging overarching design**

- **Discuss specific areas in more detail**

- **Provide opportunity for grantees to comment on approach**

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Design Process

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Participatory Utilization-Focused Approach

Participatory Utilization-Focused Approach

- Home Visitation Program Goals and Implementation
- Evaluation Planning
- Data Collection
- Analysis and Interpretation
- Dissemination of Results

Collaborative decision

Assessment of needs and use

MPR-Chapin Hall present options

Grantees, researchers, CB/ACF staff, and MPR-Chapin Hall reflect and deliberate

Evaluation T/TA

Participatory Process

- **Review grantee applications and updated workplans**

- **Facilitate peer learning network webinars**

- **Facilitate domain workgroups**

- **Conduct a series of individual consultations with grantees on systems**

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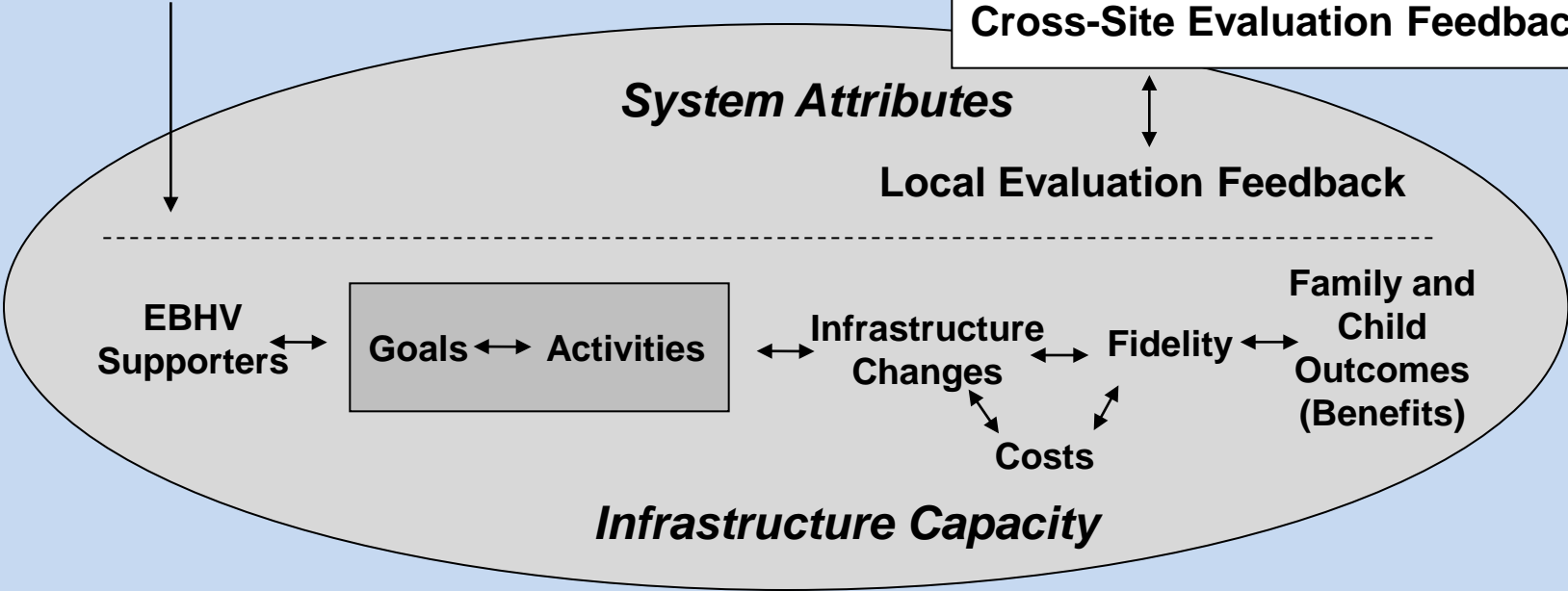# Evaluation Design Process

- **Based on domain calls, identify measures**

- **Draft domain evaluation approach**

- **Draft comprehensive process study approach**

- **Present emerging evaluation design for feedback**

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Proposed Framework

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EBHV National-Level Logic Model

Grant Funds and Requirements, Program and Evaluation Technical Assistance, Peer Learning Network

Cross-Site Evaluation Feedback

System Attributes

Local Evaluation Feedback

EBHV Supporters ↔ **Goals ↔ Activities** ↔ Infrastructure Changes ↔ Fidelity ↔ Family and Child Outcomes (Benefits)

Costs

Infrastructure Capacity

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Overview of Proposed Design

- **Common framework across grantees to examine outcomes in each domain: Systems, fidelity, cost, family and child**

- **Identify common indicators of the evaluation domains**

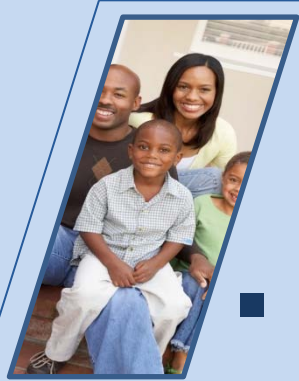- **Data collection is based on grantees' local evaluation goals**

Systems Domain: Focus

- **Infrastructure capacities to support grantees' infrastructure goals for fidelity, scale up, and sustainability**

- **Collaborative relationships among actors working on infrastructure goals across multiple systems levels**

- **Change over time in grantees' logic models for systems change**

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Fidelity Domain: Focus

- **The extent to which an intervention is implemented as intended by its designers**

- **All intervention components and activities were implemented**

- **They were implemented in the proper manner**

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Family and Child Outcomes: Focus

- **Parental risk and protective factors for child maltreatment**

- **Indicators of child maltreatment**

- **Child outcomes, such as behavioral problems or improvements in behavior**

Cost Domain: Focus

- **The resources devoted to delivering an effective EBHV program, as well as the essential infrastructure for supporting it**

- **The true cost of the program and related support**

Process Study: Focus

- **Context in which each grantee operates**

- **Influence of context on grantees' progress in evaluation domains**

- **Implementation of grant initiative**

- **Challenges and barriers encountered**

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Proposed Research Questions

Systems Domain: Research Questions

- **How did grantees, working through different systems, build infrastructure capacity to support implementation with fidelity to evidence-based home visiting models, scale up of high-fidelity interventions, and sustainability of high-fidelity interventions after the grant funding ended?**

- **What infrastructure changes occurred?**

Fidelity Domain: Research Questions

- **Were the home visiting programs implemented and delivered with fidelity?**

- **To what extent did the grantees modify the national model to "fit" their target populations and local service delivery context?**

- **What contextual factors were associated with fidelity of implementation?**

Family and Child Domain: Research Questions

- **Do EBHV programs improve family and child outcomes when programs are implemented in the "real world" and supported by investments in infrastructure?**

- **How do effects vary across the different target populations grantees are working with and across program models?**

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Family and Child Domain: Research Questions (cont.)

- **How did grantees identify their intended outcomes; how and for what reasons did grantees adjust their perspectives on achieving these outcomes as the initiative matured?**

Cost Domain: Research Questions

- **What are the total costs of delivery and support of the home visiting programs during a typical operating year?**

- **What does each program cost per participating family?**

Cost Domain: Research Questions (cont.)

- **How are costs allocated across key program components?**

- **How do costs vary by key program features and contexts?**

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Cross-Domain Research Questions

- Are systems and change in those systems related to fidelity?

- Are greater investments (costs) related to greater fidelity?

- How do costs vary among grantees focusing on different systems change activities?

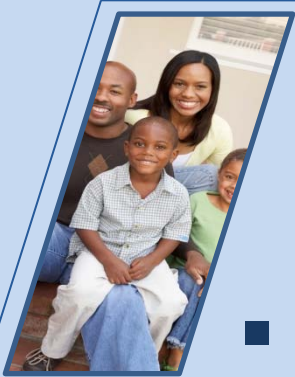- What contextual factors were found to be barriers or facilitators to systems change and fidelity?

Process Study: Research Questions

- **What are the key characteristics of EBHV grantees?**

- **How did grantees plan and implement their EBHV projects?**

- **What is the context in which EBHV grantees planned and implemented their projects?**

- **What are the facilitating factors or barriers to the overall planning and implementation of the EBHV project?**

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Process Study:
Research Questions (cont.)

- **What initial and ongoing training and essential infrastructure support did EBHV grantees receive from their national program models?**

- **What TA did grantees receive from the Children's Bureau, its contractors, or other TA providers?**

- **How did grantees participate in the design and implementation of the cross-site evaluation?**

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Process Study:
Research Questions (cont.)

- **How did grantees identify their intended outcomes? How and why did grantees adjust their perspectives on achieving these outcomes as the initiative matured?**

Proposed Measures and Analytic Approach

Background

- **Grantees collect the quantitative data for the cross-site evaluation**
  - Focus on a parsimonious set of indicators

- **Diversity among grantees**
  - Mixed methods approach

Systems Domain: Measures

- **Actors and their relationships**

- **Activities by system level**

- **Expected short- and long-term infrastructure changes**

- **Successes, challenges, strategies**

Systems Domain: Analytic Methods

- **Change over time, subgroup analysis**

- **Network methods**

- **Qualitative analysis**

Fidelity: Measures

- **Structural Indicators**
  - **Caseload**
  - **Supervisory Levels**
  - **Service Dosage and Duration**

- **Dynamic Indicators**
  - **Systematic assessment of needs**
  - **Participant involvement in decision making**
  - **Cultural relevance**

Fidelity: Analytic Methods

- Change over time, subgroup analysis

- Qualitative analysis of provider assessment of achieving and sustaining model fidelity

- Qualitative analysis of participant experiences

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Family and Child: Measures

- **Child maltreatment**
  - **Abuse reports, system involvement, foster care placements**
  - **Injuries, ER visits**

- **Parent outcomes**
  - **Substance use, Parent depression**

- **Child Outcomes**
  - **Developmental progress, behavior problems, immunizations**

Family and Child: Analytic Methods

- **Systematic review of evidence**

- **Qualitative analysis**

Cost: Measures

- **Total program costs**

- **Allocation of costs to program components**

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Cost: Analytic Methods

- **Total program costs**

- **Average cost per family**

- **Cost per program component**

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Process Study Approach

- **Descriptive analysis of implementation of grant initiative**

- **Site visits**

- **Some data collection through progress reports and web-based system**

- **Qualitative analytic methods**
  - **Triangulation**
  - **Theme identification**

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Challenges and Opportunities

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Challenges

- **Grantee Burden**
  - **Sites with multiple models and sites**

- **Network relationships (Systems)**

- **Participant level experiences (Fidelity)**

- **Aligning measures (Family and Child)**

- **Consistent program components (Cost)**

Opportunities

- **Network Survey (Systems)**

- **Individual Level Data (Fidelity)**

- **Peer Learning Network**
    - **Special analytic interests (costs, family and child)**

Questions

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