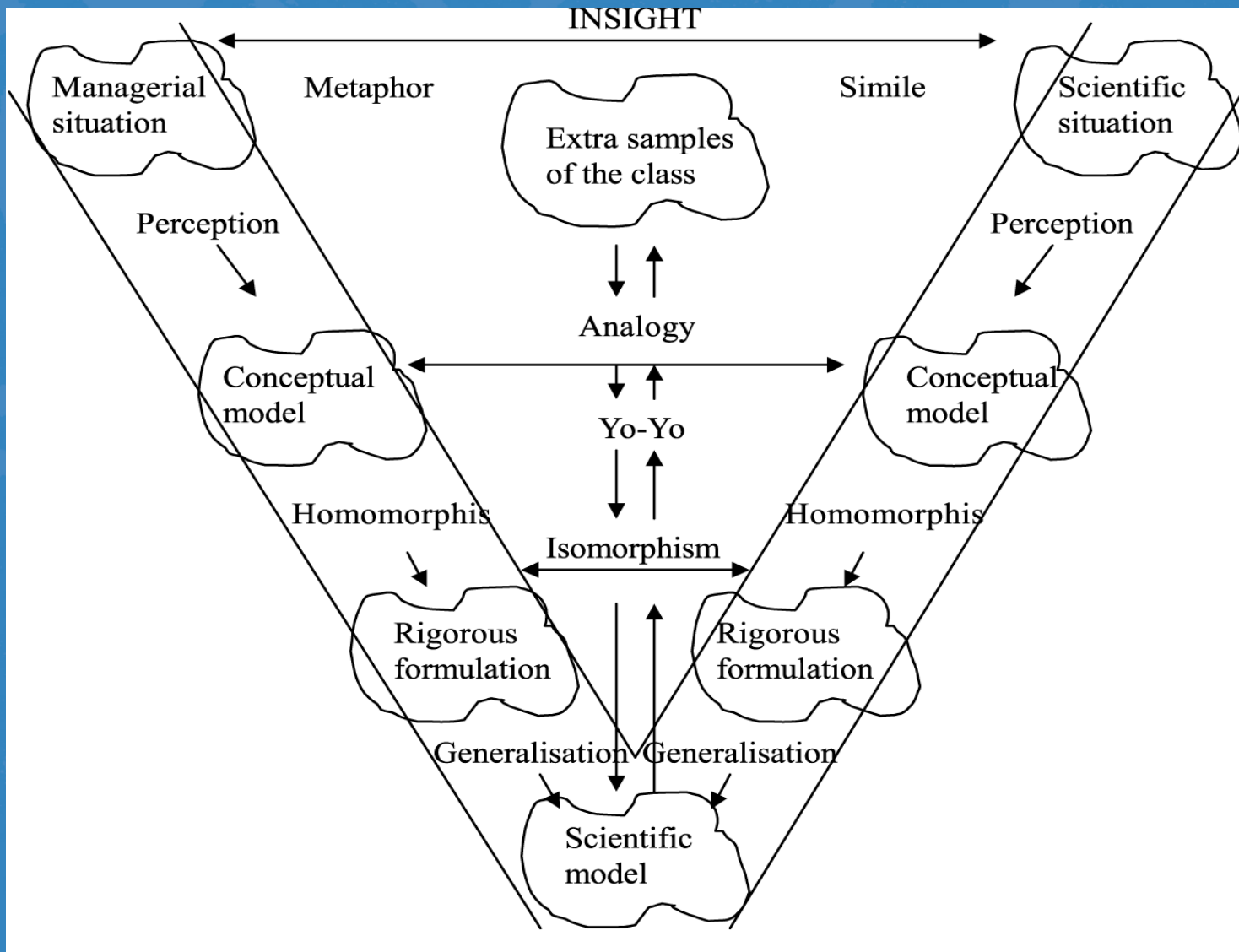


The Basics of Implementation Research



Mary Jane Rotheram



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Source: Beer, S. (1966), *Decision and Control*, John Wiley, Chichester and New York, NY, p. 114

Implement vs Create Knowledge

1. Safety
2. Benefits
3. Efficacy
4. Effectiveness

Implementation used to be Health Services

**Typically, Phase 4
effectiveness trials.**

Randomized Controlled Trials

Good internal validity

Poor external validity

**Balance between today's burden
Creating knowledge for the future**

**Implementation science
Addresses Current Burden of
Disease**

What does this mean in HIV?

How do I make decisions?

What words do I use?

What concepts do I study?

What outcomes do I study?

Distinctions Between Historical Approaches

Service System

Implementation Research

Clinical Outcomes

Dictionary of Politically Correct Words

Acceptability

Adoption

Appropriateness

Feasibility

Fidelity

Implementation Cost

Penetration

Sustainability

Change for Performance Improvement

Routine monitoring

Recall / Self-report

Ecological momentary assessment

Biomarkers

Mobile phones unobtrusively

Today's Key Constructs

Culture
Community
Person

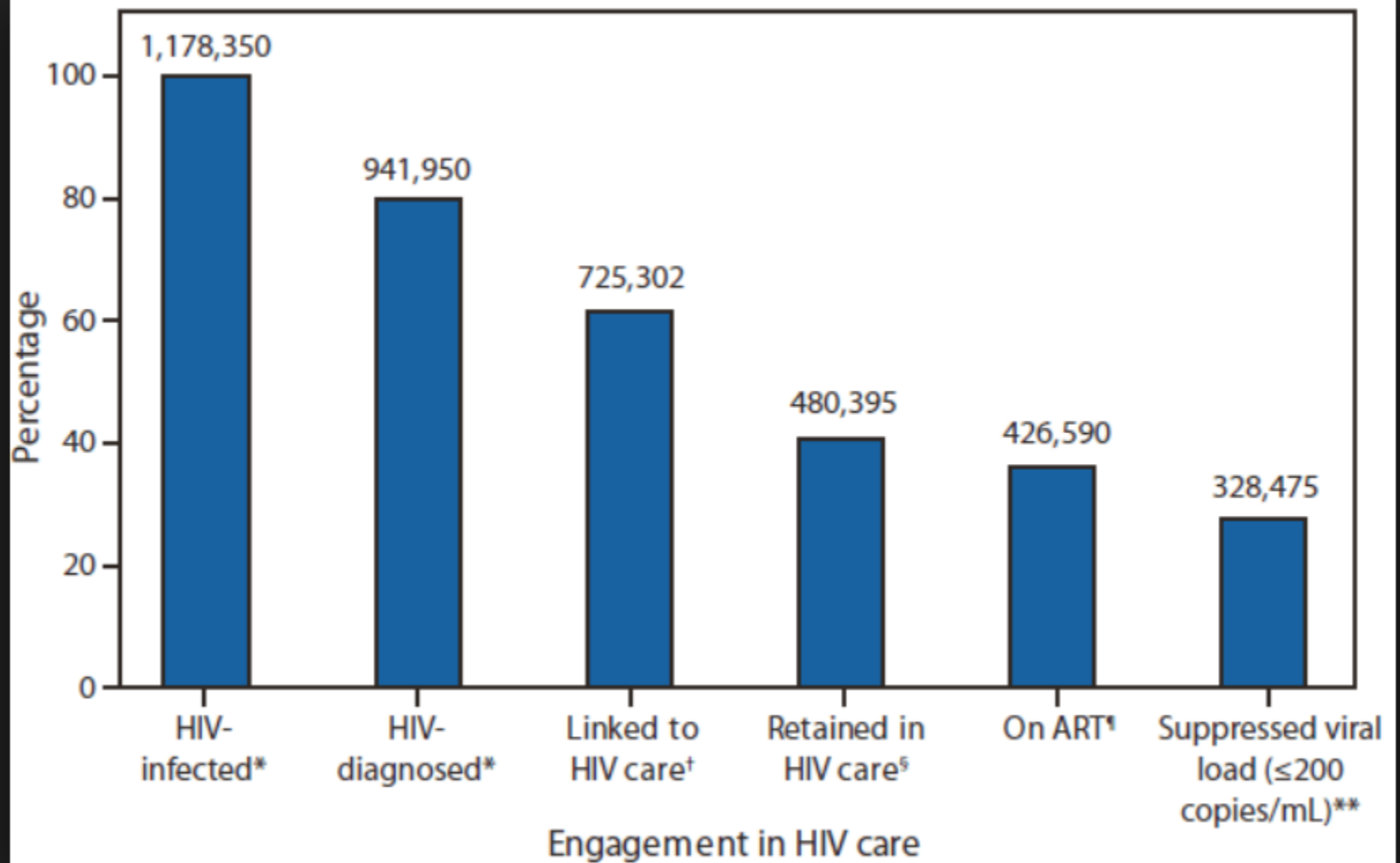
Providers
Intervention
Practices

Culture
Community
Person

Background

Implementation
Research

Outcomes



Think Global, Act Local

Making local decisions:

Small population problems

Multi-factorial designs

N= 1 designs

Randomized encouragement designs



Notes: SachaChua.com

Apr 13, 2012

CHANGE



Change is a JOURNEY.
Sometimes you have a map.



or a guide,



or signposts,



but usually just a long and winding road (if that),



with the occasional fork or crossroad.



Change is like scaling a cliff



or climbing the stairs.



You can have fun with the idea, too.



Change is also TRANSFORMATION,



growth,



decline.



You can pun about change.



Graphs are handy, too.



Spirals show Iteration...



Change can sometimes be like taking three steps forward and two steps back.



The more things change, the more they stay the same.

Sacha Chua

UCLA



CHIPTS

Center for HIV Identification, Prevention
and Treatment Services

Thank you.