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title: 'Session: Dynamics'

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date: "May 30th, 2017"

output:

github\_document: default

html\_document: default

ioslides\_presentation: default

slidy\_presentation: default

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## Policy Resistance

<img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_remove-team\_476525\_003F72.svg" width="240" height="180">

## Interconnected

<img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_team\_981174\_003F72.svg" width="720" height="540">

## Structure Determines Behavior

<img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_slinky\_48148\_000000.svg" width="720" height="540">

## Function of a System

<img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_roofless-car\_564275\_003F72.svg"

width="720" height="540">

## System Components

<img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_car-tire\_811766\_003F72.svg"> <img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_car-battery\_811720\_003F72.svg"> <img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_car-keys\_811748\_003F72.svg"> <img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_steering-wheel\_167223\_003F72.svg">

<img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_roofless-car\_564275\_003F72.svg" width="720" height="540">

## Multifinality and Interconnectedness

<img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_molecule\_784555\_003F72.svg" width="720" height="540">

## Purpose of the Session: Eliciting Mental Models

<img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_communication\_884666\_003F72.svg" width="720" height="540">

## Zooming in and out

<img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_collapse\_926266\_000000%20(1).svg" width="540" height="320"> <img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_view\_926267\_000000.svg" width="540" height="320">

## Developing a System Story

<img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_full-network\_674171\_003F72.svg" width="720" height="540">

## Positive Feedback

<img src=https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_feedback\_651874\_003F72.svg width="720" height="540">

## Negative Feedback

<img src=https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_feedback\_651876\_003F72.svg width="720" height="540">

## Role of Delays - Time

<img src=https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_redo\_993290\_003F72.svg width="720" height="540">

## Traffic

<img src=https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_traffic\_924177\_003F72.svg width="720" height="540">

## Static Observation

<img src=https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_interactive-bar-chart\_151004\_003F72.svg width="720" height="540">

## Dynamic Observation

<img src=https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_line-chart\_544281\_003F72.svg width="720" height="540">

## Nonlinear System Behavior- Exponential Growth

<img src=https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_graph\_87995\_003F72.svg width="720" height="540">

## Nonlinear System Behavior- Steady State

<img src=https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_graph\_88002\_003F72.svg width="720" height="540">

## System Behavior– Oscillation

<img src=https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_sine-wave\_385866\_003F72.svg width="720" height="540">

## Exercise- Graphs Over Time

Split into 6 groups, on the paper provided please draw a simple graph with time on the horizonal axis and level of the following variables on the verticle.

<img src="https://cdn.rawgit.com/LZIM/teampsd/hexagon\_icons/np\_graph\_87995\_003F72.svg">

\* Group 1: Morale

\* Group 2: Turnover

\* Group 3: Providers Trained in EBPs

\* Group 4: Students in Clinic

\* Group 5: Provider Availability to start EBPs

\* Group 6: No Shows