



Theory and design in health



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Theory in design

- Theories are foundational to design
- Applying theories to design requires a leap of creativity
- Theories as inspiration for design

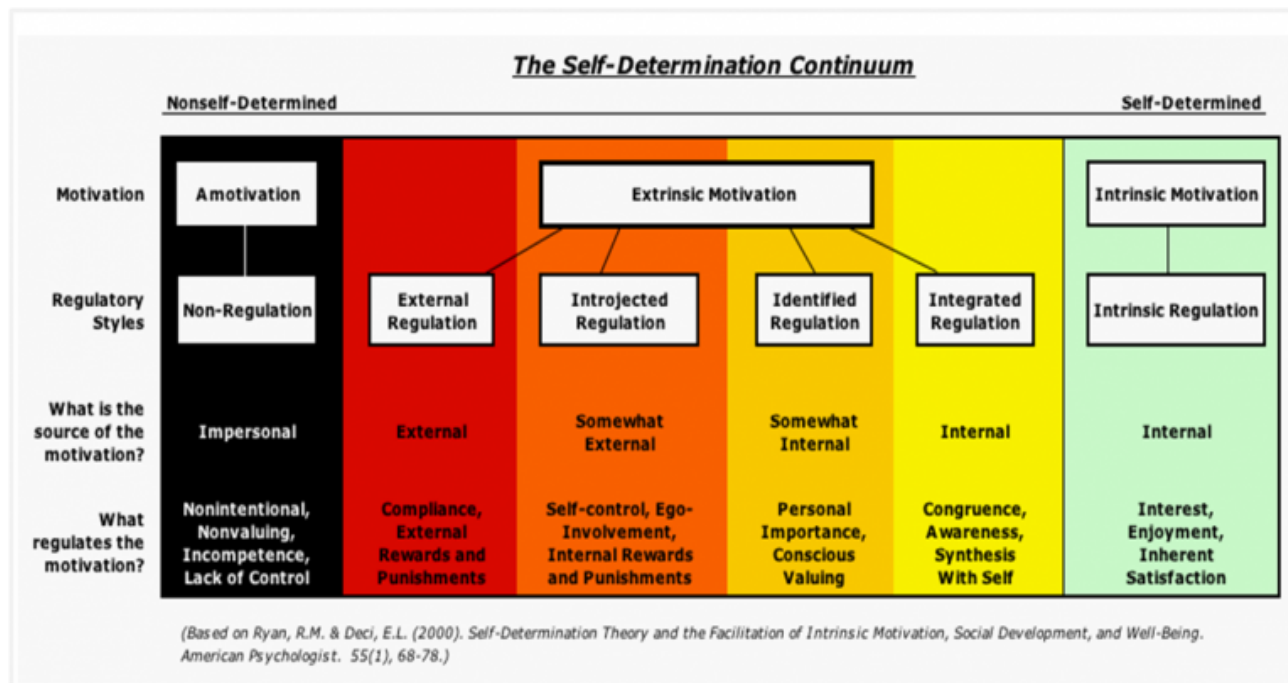


Question 1

- How do researchers appropriately identify and map theory to design, implementation, and evaluation, specifically in a health disparity context?

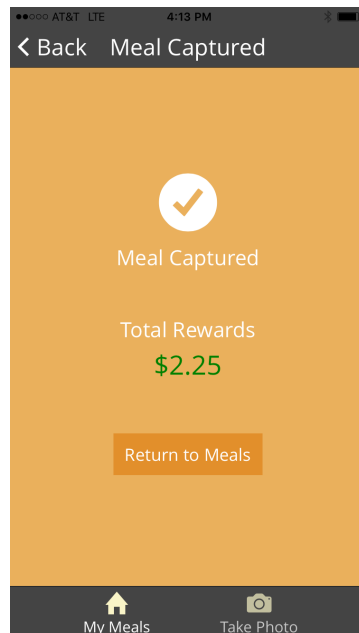
Example of theory to design

- Using self-determination continuum to develop different levels of incentives for self-monitoring in health

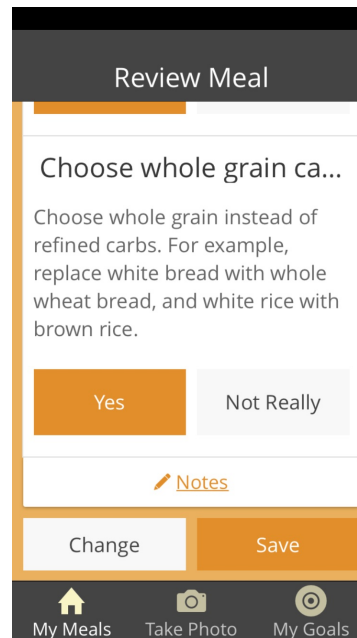


Example of theory to design

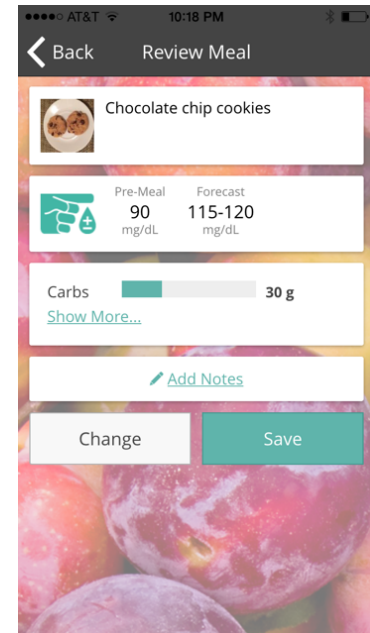
Financial incentives



Feedback from clinicians



Using data to make decisions



Question 2

- How do the data that sociotechnical systems collect impact theory to help address health disparities? How do we negotiate the dosing of sociotechnical systems from what is clinically needed to what health disparity populations are willing to use?

Psycho-social phenotypes

Few low-fat foods in neighborhood
Low qual FV in neighborhood
Family Health Stress
PA costs too much
Family Health Stress
Anxiety
Low Health Literacy
Financial Stress
Medicaid
Born in DR
Baby Boomer
Normal Sleep
Own Health Stress
Financial Problems
Divorced
Time for Physical Activity
Personal Health Problems
Considers self overweight
Low social role satisfaction

Salient characteristics:

- Financial Problems
- Family Health Stress
- Own Health Stress
- Medicaid
- Low Health Literacy