

Mobile Phones for HIV Identification, Prevention, and Treatment



CHIPTS

**Center for HIV Identification, Prevention
and Treatment Services**

UCLA

AIDS Institute

Center for AIDS Research

NIMH

National Institute
of Mental Health

mHealth

Use mobile devices to enhance health and wellness by extending health interventions and research beyond the reach of traditional clinical care.

our actions



Photo: Marshall Astor, WWW

our self report



personal data repository



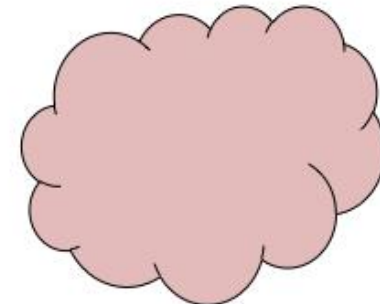
*experience
sampling streams*
→
*context and
activity traces*



visualization

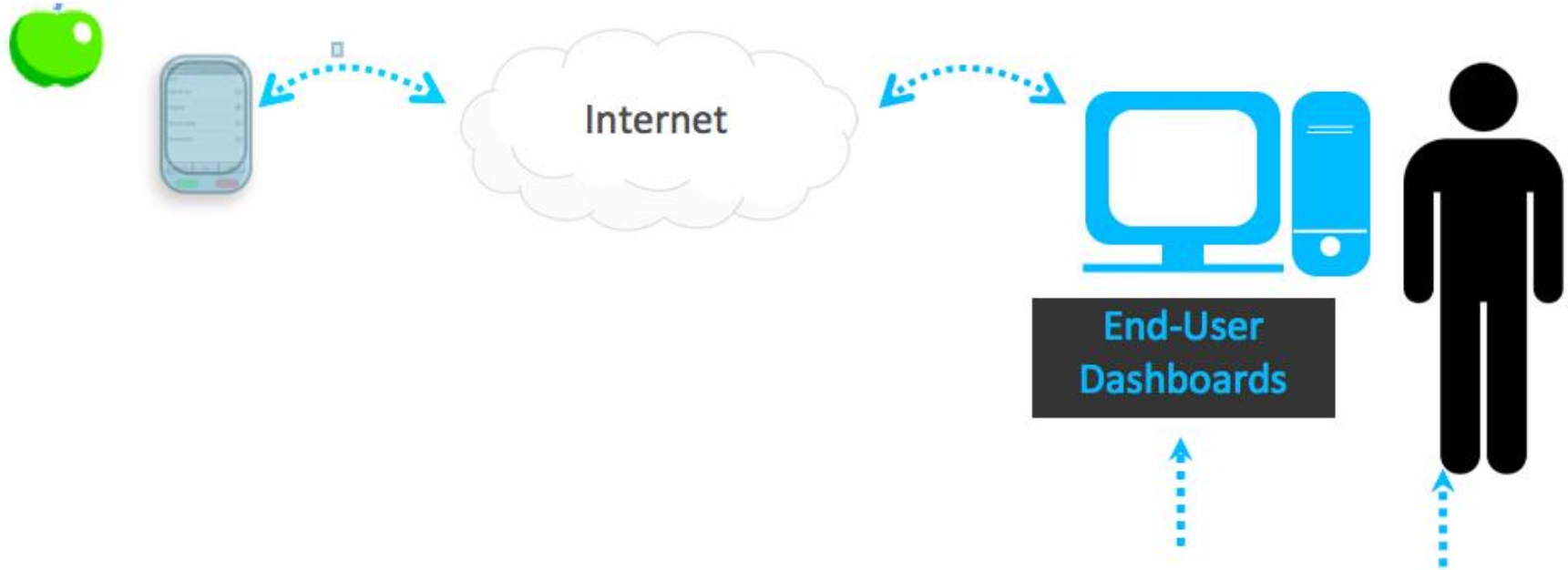
*aggregate measures,
trends, patterns*

event detection



processing

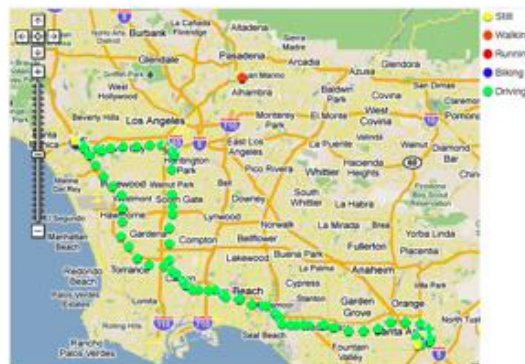
Not just a mobile app: data analysis, sensemaking, as critical as data capture



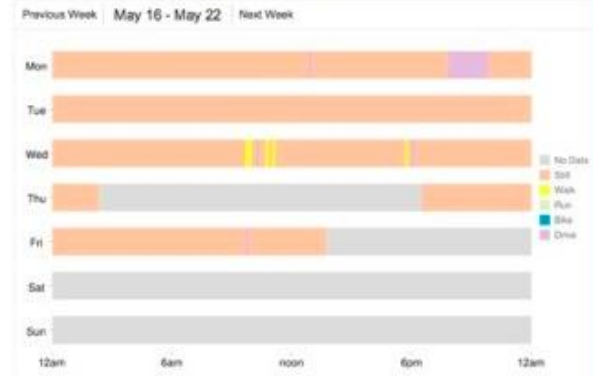
Correlations in time and space



Actigraphy over space



Actigraphy over time



Ramanathan, Selsky, et al



Researcher
Dashboards



Survey Creation

Your AndWellness Campaign

Campaign Name:
MyDemoCampaign

Campaign Version:
0.1

Server URL:
http://cs219.dyn dns.org/

Survey

Survey Title:
MyDemoSurvey

Survey may be taken anytime?

Prompt

Prompt ID (auto-generated):
prompt f

Skippable?

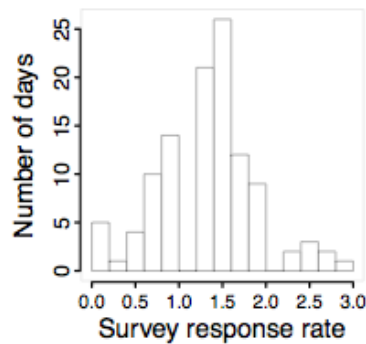
Question:

Select Prompt Type:
(required)

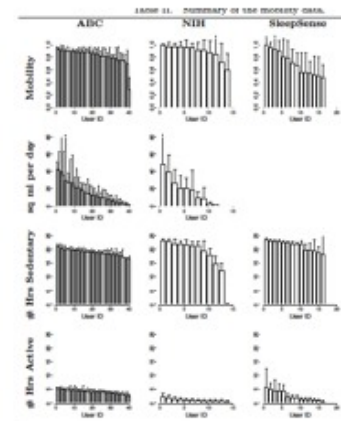
[Add Prompt](#)

Create this Campaign (See results below)

Participation



Population Statistics

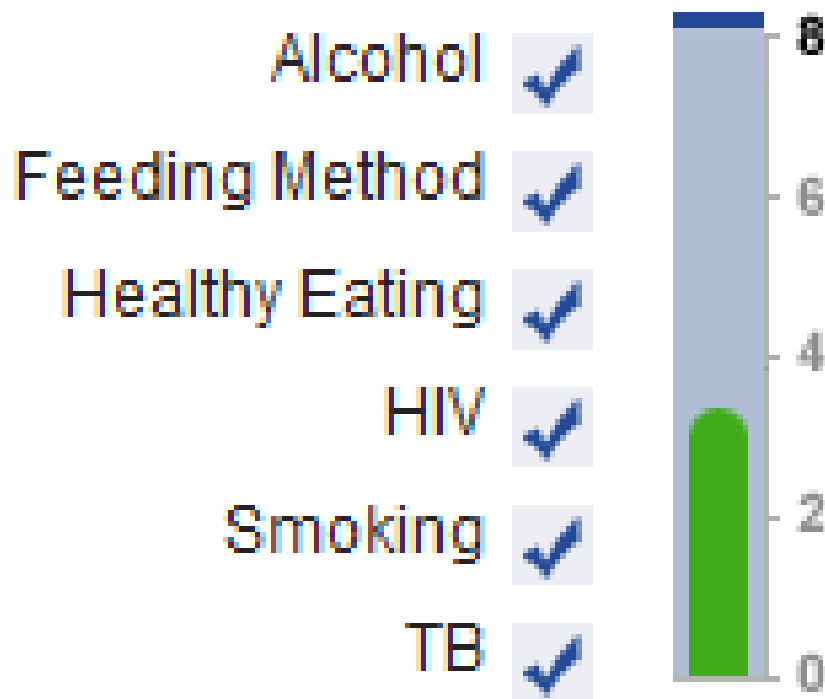


* in progress for release, Dec, 2011

Ramanathan, Selsky, et al

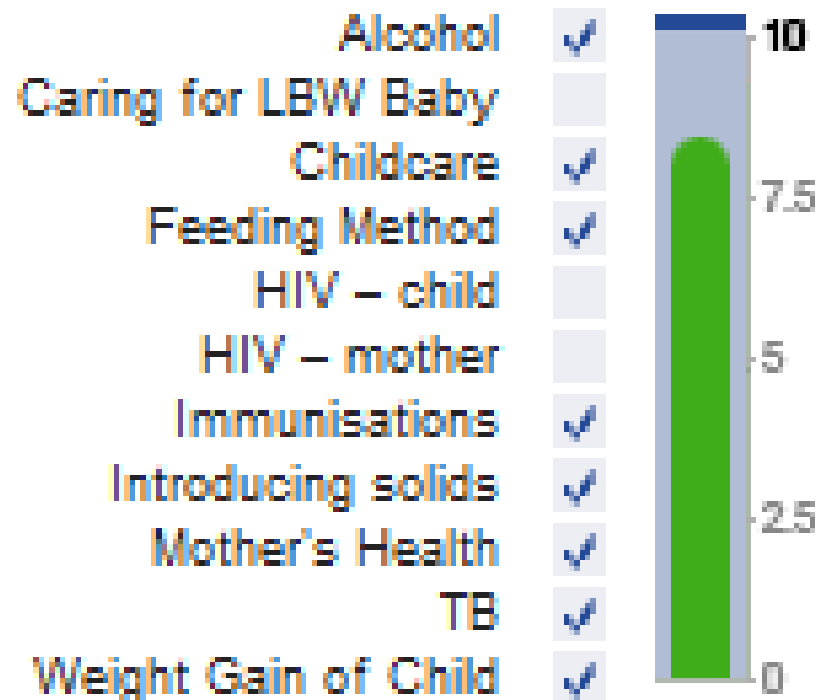
Fidelity Support & Monitoring for Intervention Deliverers (& Dose/Exp.)

Antenatal



4.9 / 8 Hours Remaining

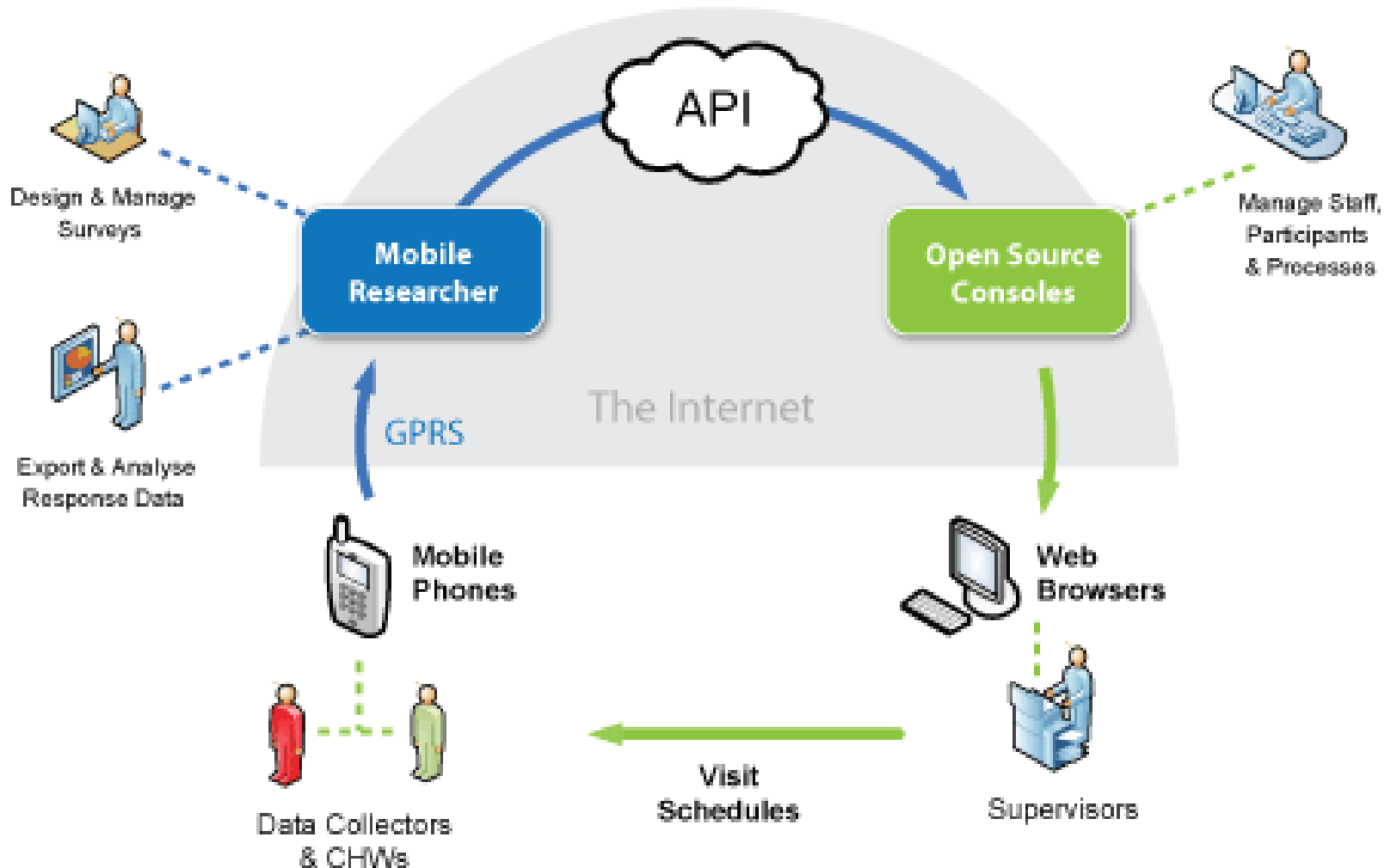
Postnatal



1.9 / 10 Hours Remaining

mHealth Data Ecosystem

(from www.Mobenzi.com, also see www.dimagi.com)



Essential data driven feedback loops

