

New Data Collection Methods for Research

Presented by:

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New ways to gather Research Data:

Using Mobile Apps, Sensors & Wearables

Mobile & Web Strategy team's **capabilities:**

- Initial concept to user experience design to native app development
- Custom mobile push and scheduled messaging
- Deployment to UCLA's Branded iOS and Android stores
- Custom data visualization dashboards, app usage analytics
- Partnering as an Investigator on grants with apps



UCLA Mobilize Labs

MWS's Mobilize Labs team collaborates with UCLA research community to develop **custom research mobile apps**.



“ I have contracted with many groups to accomplish our healthcare improvement goals but the **pace, collaborative atmosphere, and creativity** of the Mobilize Labs Team exceeds all of my previous experiences.”

Amy N Cohen, PhD

Co-director, Health Services Veterans Administration Desert Pacific
Mental Illness Research, Education and Clinical Center

Associate Research Professor, Dept. of Psychiatry and Biobehavioral
Sciences, Semel Institute for Neuroscience and Human Behavior

Levels of Engagement

LEVEL ① \$

Pilot

Mobile apps, notifications, data acquisition and export

LEVEL ② \$\$

Mobile and Custom Data Dashboards

Mobile apps, notifications as well as custom data dashboards for researchers

LEVEL ③ \$\$\$

Integrative Sensor Platform

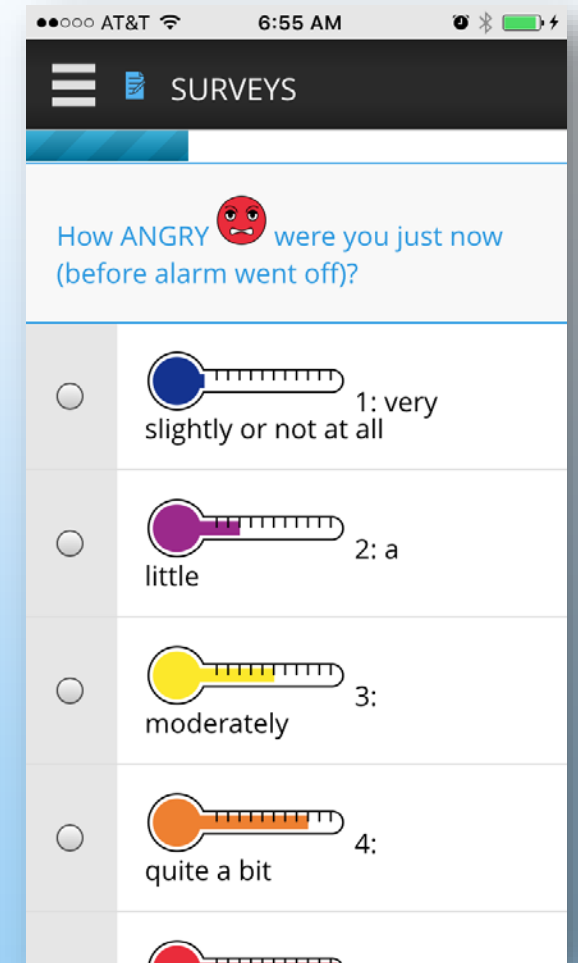
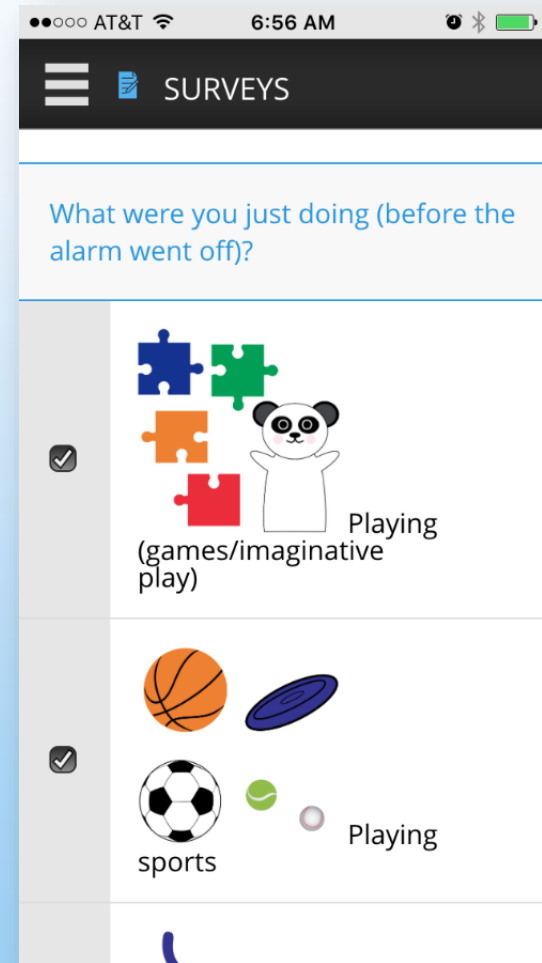
Mobile apps, multiple platform integrations, streaming data, sensor triggered interaction, engagement features

LEVEL 1 \$



Child EM (Ecological Momentary Assessment)

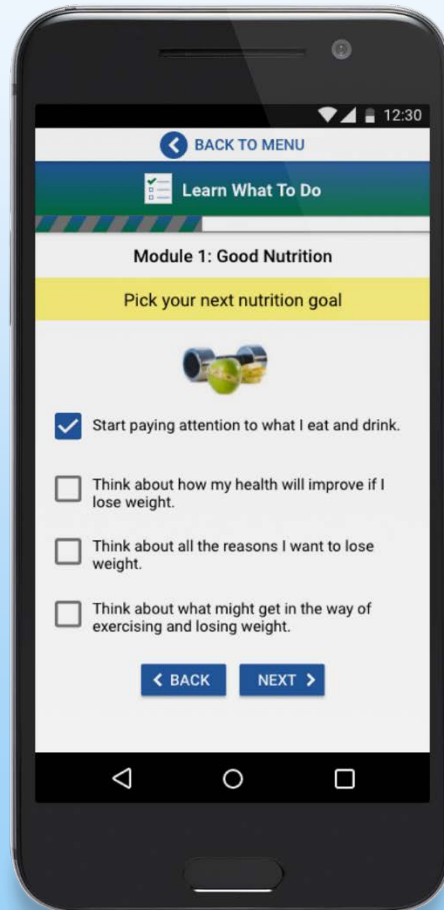
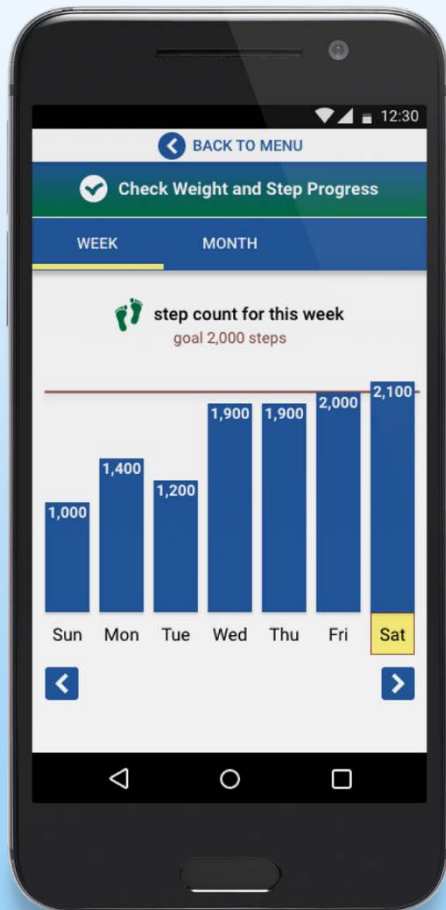
- 2 Surveys
- Image based response
- Special Populations
- Random EMA notifications
- Snooze
- Works offline



LEVEL 2 \$\$



VA Coach to Fit Project for SMI



COACH to FIT Panel Management

Search for Study ID

LEGEND
■ On Track (No pending chapters)
■ Behind (Have one set of pending chapters)
■ Stalled (Have two or more sets of pending chapters)

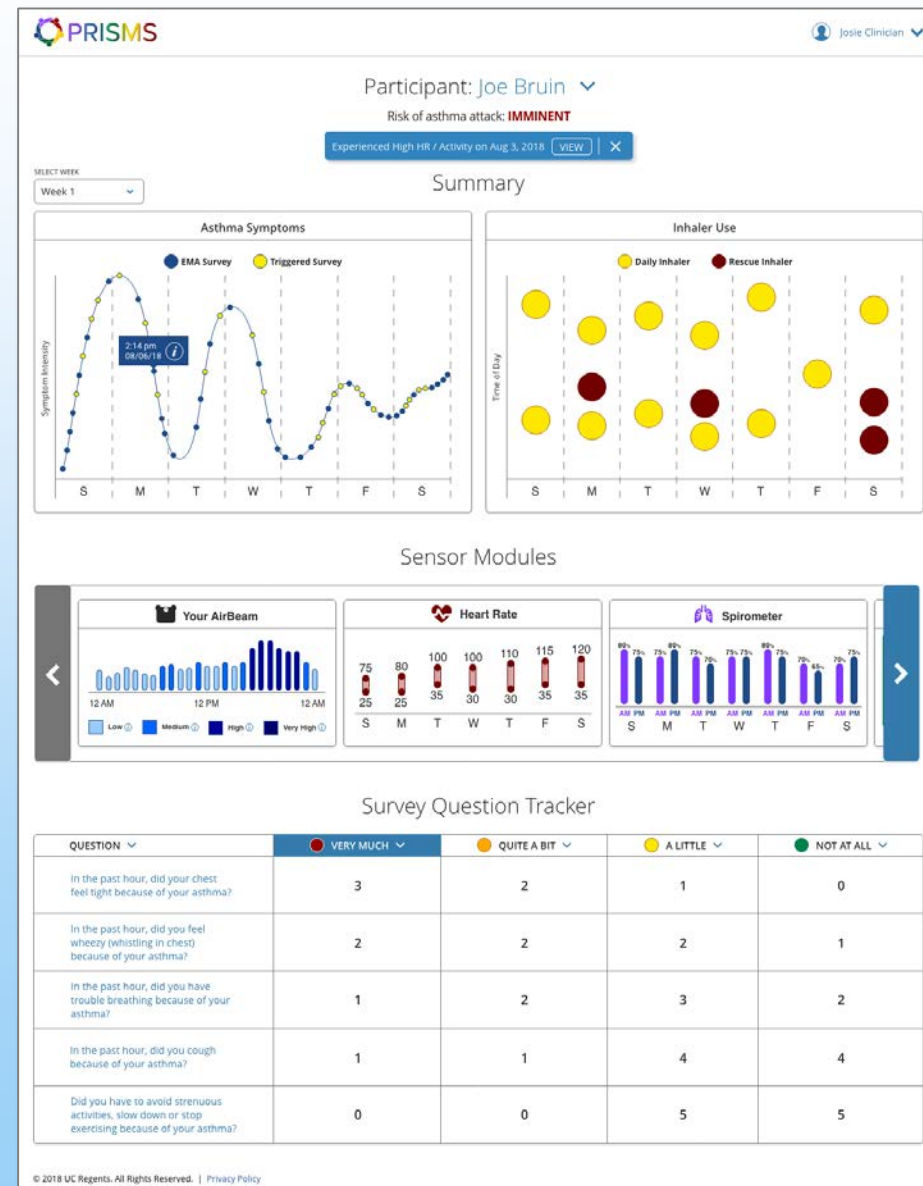
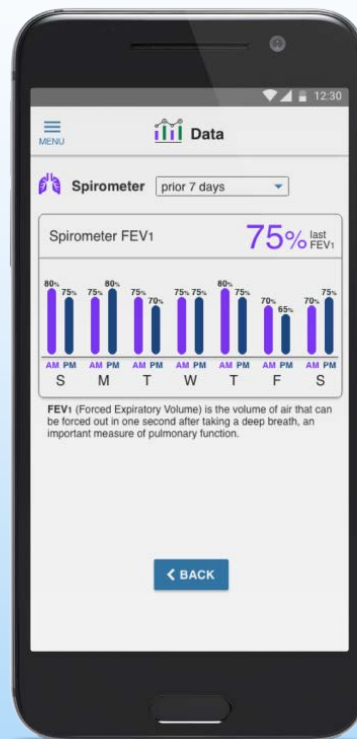
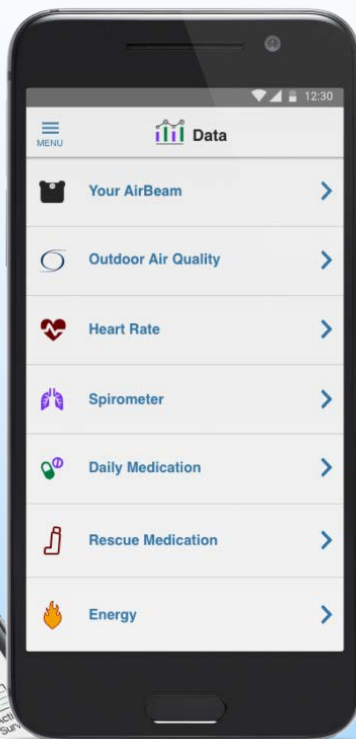
NEXT CALL	STUDY ID	COACHING STATUS	COACH'S NOTES	CURRENT MODULE #	LEARNING STATUS	LAST ACTIVITY
Fri. 03/03/18 3:00 pm	123456	Answered: Proceeded to coaching	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	1	on track	02/06/18
Fri. 03/03/18 3:30 pm	123457	Answered: Did not do coaching	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	2	stalled	01/06/18
Fri. 03/03/18 4:00 pm	123455	No answer: No message left	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	4	behind	02/06/18
Fri. 03/10/18 3:00 pm	123454	No answer: Message left	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	2	on track	03/03/18
Fri. 03/10/18 3:30 pm	123453	Answered: Did not do coaching	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	3	behind	02/28/18
Fri. 03/10/18 4:00 pm	123452	No answer: Message left	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	5	on track	03/03/18
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Fri. 03/17/18 3:30 pm	123450	No answer: Message left	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	2	behind	02/28/18
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Fri. 03/17/18 3:00 pm	123448	Answered: Proceeded to coaching	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	2	on track	03/02/18

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LEVEL 3 \$\$\$



Pediatric Research Integrating Sensor Monitoring Systems



Writing us into Grants

STEP 1

Set up a call to discuss once PI's specific research aims are defined to see if Mobilize Labs can help

STEP 2

The Mobilize Labs team will create an estimate and help to write the app and data sections of your grant proposal

STEP 3

When the proposal is accepted the work begins...

Additional MWS and OIT/IDRE Services

- Data Driven Apps
- Custom Web Development
- Accessibility Services
- Advanced Research Workshops
- Software Training

Research consultations

- GIS and Visualization, Statistics, and HPC

High Performance Computing (HPC) Storage

- UCLA's shared cluster and cloud storage services

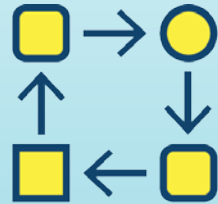
UCLA I.S. Associates

- Technology community with corporations, government, and startups in SoCal.
 - **Free events** for all UCLA faculty, staff, & students.
 - **Fall Breakfast Event:** Sept. 20 @ 8am - 1:30p

Introducing Data Driven Apps



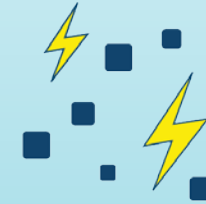
ZAP lets you create, refresh and manage your mobile content in real-time with ease



Configurable Dashboard



Rich Templates



Dynamic Content Management



Map Integration



Notifications
(Local and Push)



Timelines



Embedded Videos



Calendar Integrations



VR

Zap.ucla.edu

Web Development

Professional Services: Custom Integrations



Customized Drupal Integrations

- Social Media News Feed
- Web Accessibility Development
- Visual Photo Slides
- Archive Film Library
- Custom News and Event Feed
- Advanced Search Engine
- Customized Menus
- Custom Graphic Designs
- Event Calendar
- Mobile and Tablet Enabled



UCLA

Disabilities and
Computing
Program

Accessibility Training

OIT's Disabilities and Computing Program offers consulting services to UCLA community to review your website for compliance with the UC IT Accessibility Policy and broader W3C Content Accessibility Guidelines.

- Reviewing: desktop and mobile presence, page structure, menus, images, tables, forms, documents, videos, and applications.
- Assessments are free for UCLA community on a first-come, first-served basis.
- Additional consulting services available with fee.

Contact Us



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