

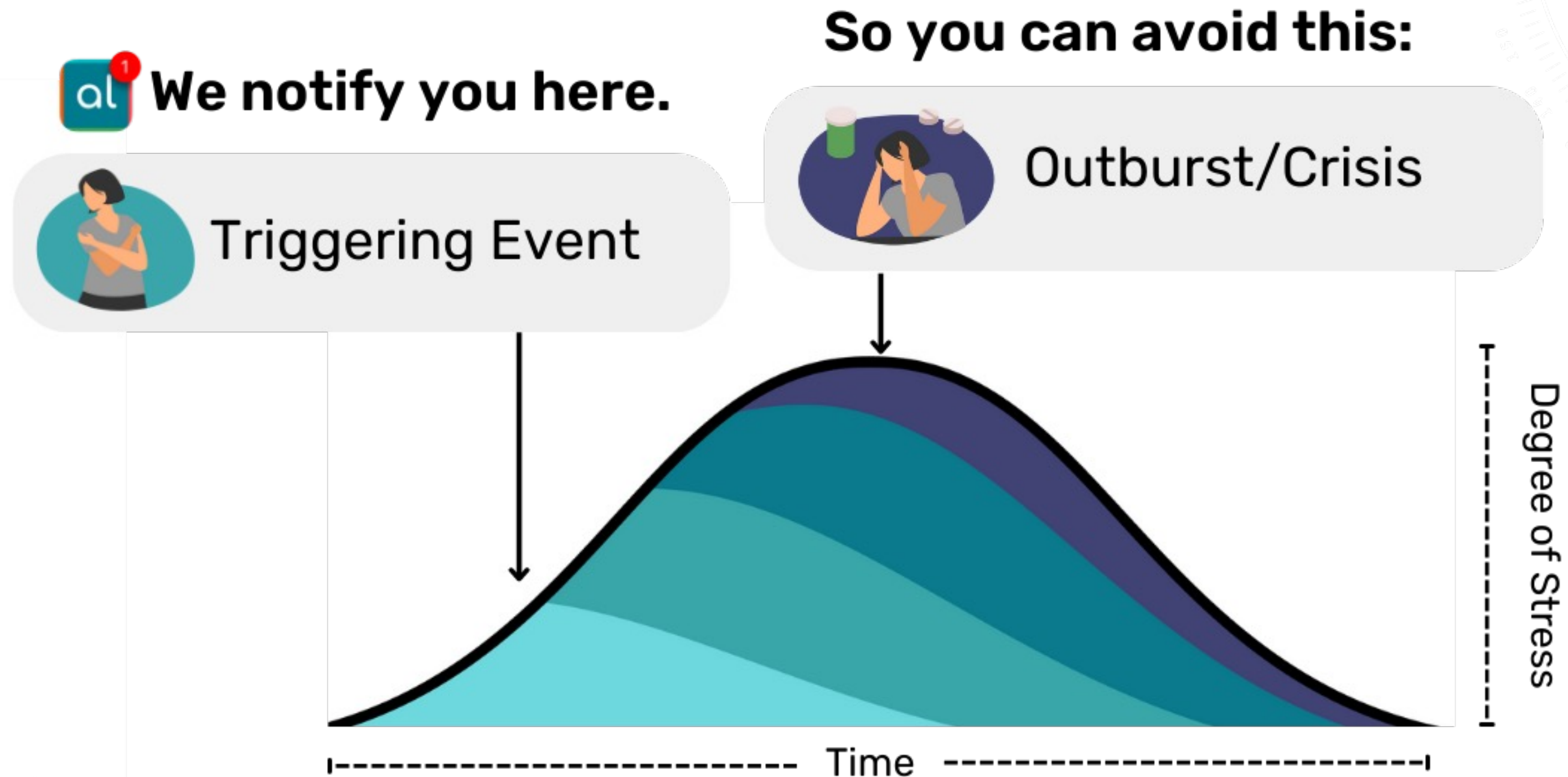


Helping you improve lives

for people with
cognitive disabilities



Why Awake Labs?

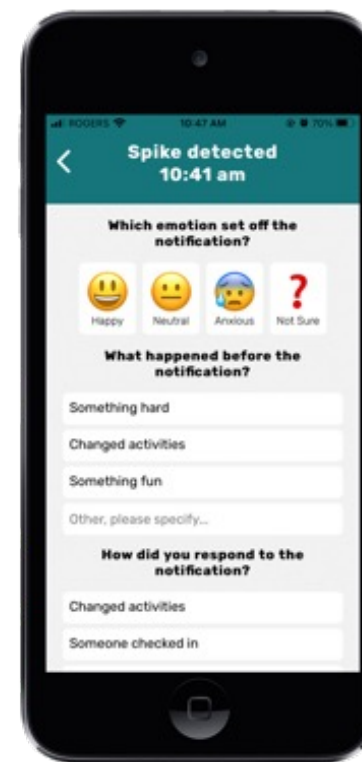


Awake Labs Technology



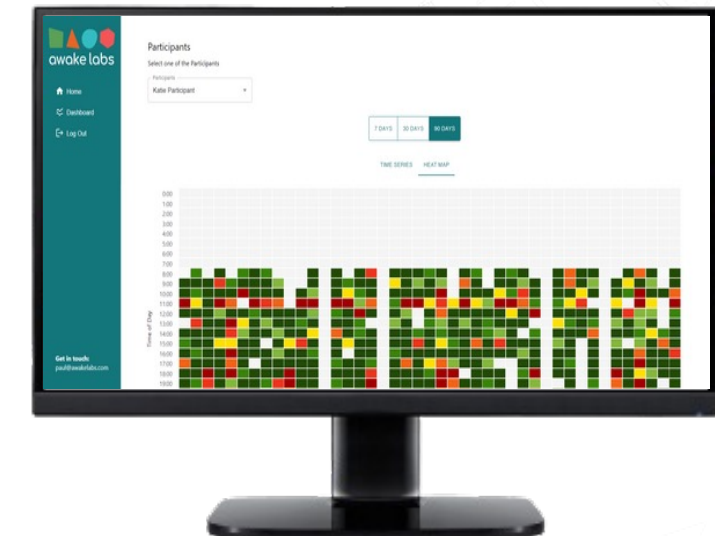
Smartwatch App

Worn by the person experiencing strong emotions



Mobile App

Used by self-advocates, caregivers and support professionals



Web Dashboard





Used by care managers and clinicians



ROGERS 10:47 AM 70%

< **Spike detected**
10:41 am

Which emotion set off the notification?

 Happy  Neutral  Anxious  Not Sure

What happened before the notification?

Something hard

Changed activities

Something fun

Other, please specify...

How did you respond to the notification?

Changed activities

Someone checked in

Participants

Katie Participant

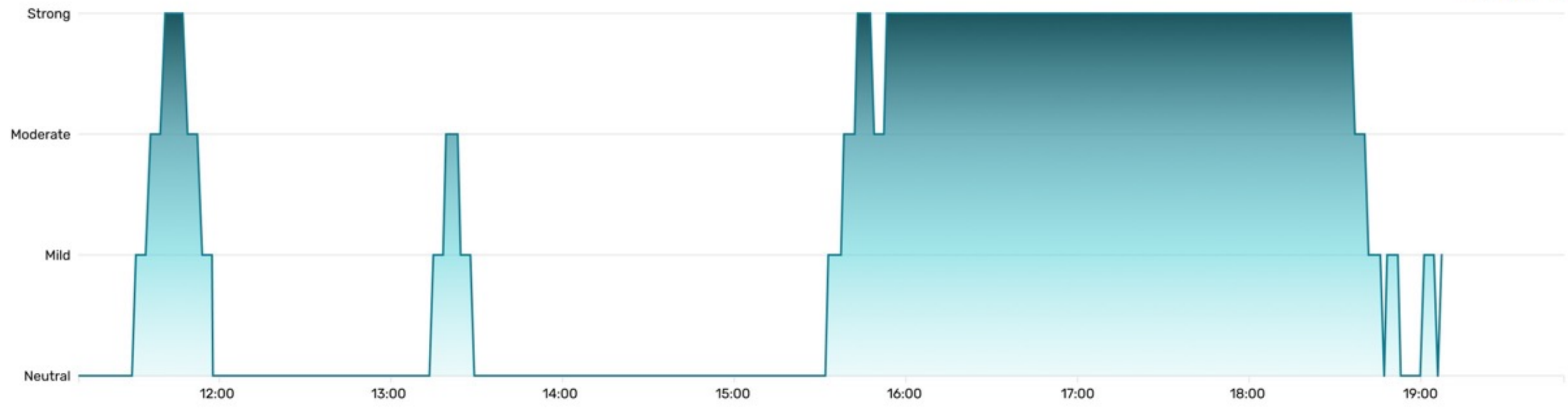
TIME SERIES

HEAT MAP

TODAY

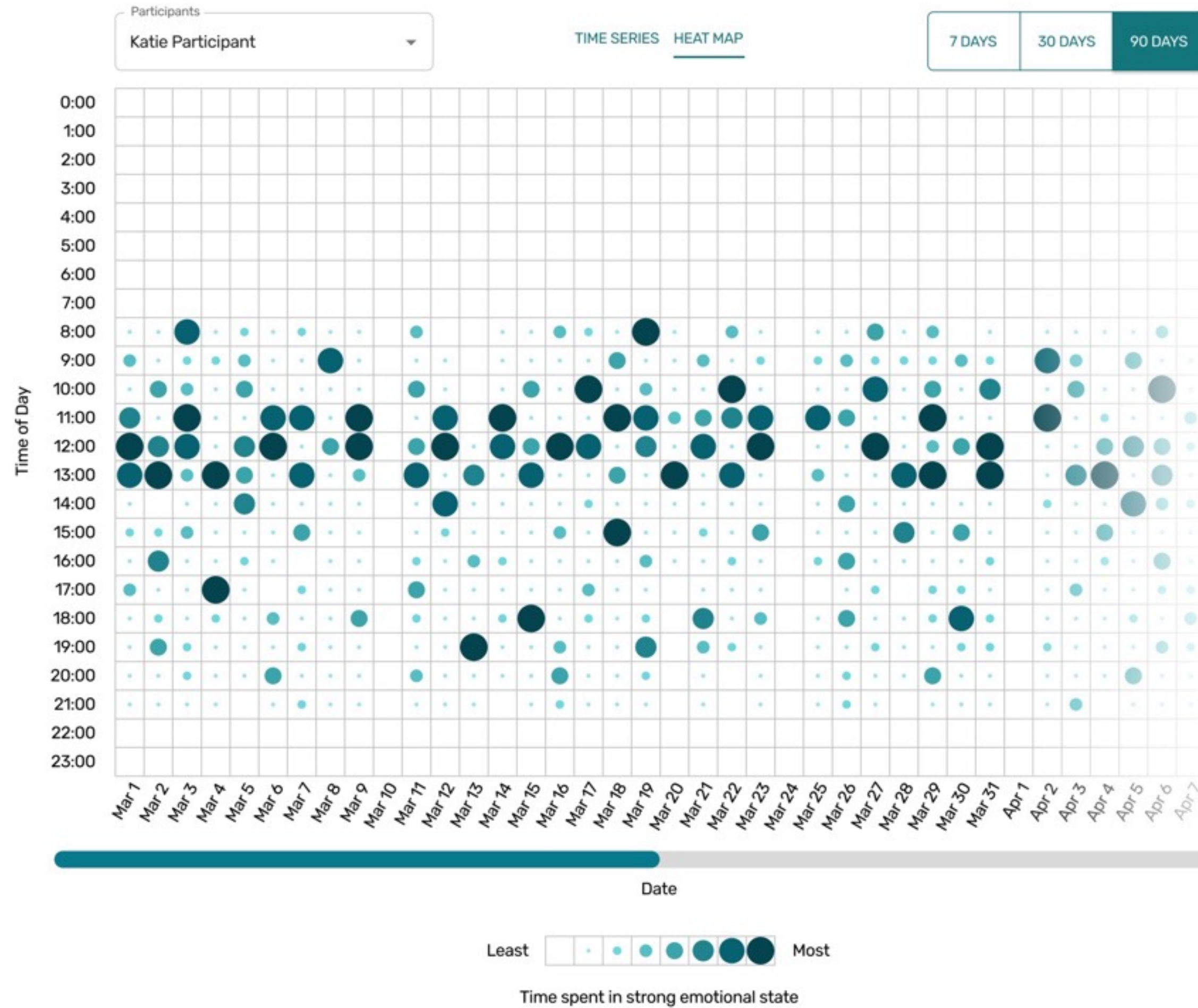
YESTERDAY

7 DAYS AGO



Notifications

Time	Level of Emotion	Which emotion did you notice?	What happened before?	How did you respond?
15:51	STRONG	😊	Something fun	Checked in
15:41	STRONG	😊	Something fun	Left alone
15:36	MODERATE	😐	Changed activities	Changed activities again
13:17	MODERATE	?	Changed activities	Changed activities again
11:40	STRONG	😓	Something hard	Checked in



innovation

vs

evidence-based

A quick story



Performance



Transitioning from family home to agency supports

The Awake Labs technology helped eliminate an isolation protocol from a support plan and reduce PRN usage in less than 6 months. This allowed the person to fully transition into their new home 18-months faster than the agency expected and reduced clinical staff time.



Lives in group home with roommates

Before using the Awake Labs technology, a resident had 4 separate crises over 3 months that resulted in 4 direct support staff getting a concussion. Since using the technology, this person has not been linked to any major staff injuries and staff report feeling safer at that home.

Family

Lives at home with aging parents

With the use of the Awake Labs technology, a 25-year old non-verbal man who lives with his parents is now able to participate in his community, go to college, attend his care planning meetings, and maintain his dignity during family gatherings and social events.

Our team



Founders



Andrea Palmer
CEO



Paul Fijal
Chief Product Officer

Clinical Operations Team



Sean Erreger
LCSW



Cara Melvin
LISW

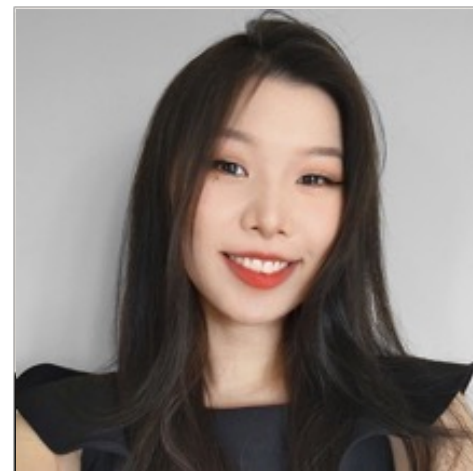


Kayla Wratschko
BCBA, M. Ed.

Product Team



Tanbir Ahmed
Senior Backend Developer



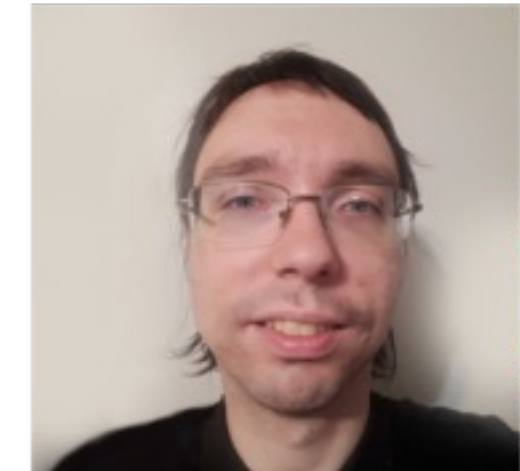
Joanne Li
UX Designer



Katie Verigin
Community and Operations



Sean Burman
Full-Stack Developer



Steven Gonder
Junior Software Developer

Important considerations

- Technology comfort – staff, person-supported, family
- All stakeholders involved from the beginning
- Privacy & security
- Define success – so you can measure your outcomes
- Plan for longevity – ROI, funding sources, turnover
- IT requirements
- Technology is not a silver bullet
- Things change and that's OK! – be agile and adapt



Pilot overview



**DEFINE GOALS &
SUCCESS METRICS**



**DEFINE RECRUITMENT
CRITERIA**



TRAINING & ONBOARDING



Phase 1: Define Success & Recruit

Collaboratively set three shared pilot goals:

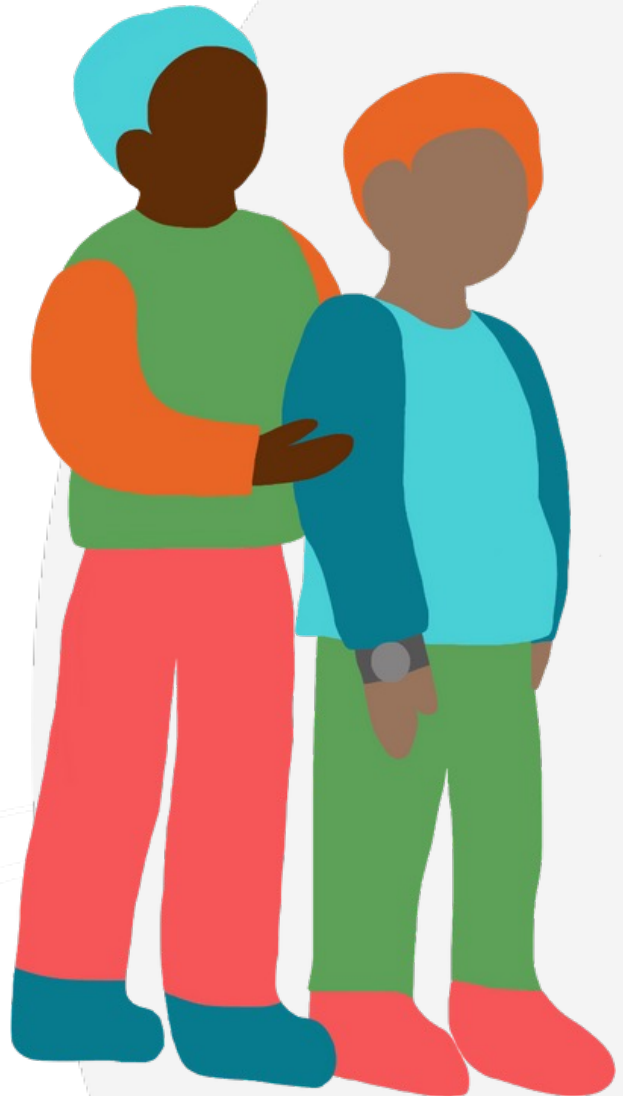
- **Improve quality of life** for pilot participants by decreasing target behaviors related to anxiety or agitation, increasing community participation, and improving staff & participant relationships
- **Improve staff safety and confidence** by decreasing incidents of aggression
- **Measure reduction in cost of care** for pilot participants by decreasing ER visits and hospital admissions, PRN usage and/or property destruction



Phase 1: Define Success & Recruit

Sample recruitment criteria:

1. Participants have high staff support ratios
2. Participants with anxiety-related incidents and/or behaviors
3. Participant home has continuous and reliable internet
4. Participants has a recorded history of;
 - a. ER visits and/or behavior-driven hospital admissions;
 - b. PRN use and/or incidents involving property destruction or aggression;or
 - c. Target behaviors related to anxiety or agitation;
5. Staff and clinicians who enjoy innovation and are comfortable with tech



Phase 2: Onboarding

- Awake Labs provides synchronous and asynchronous training to all Provider's staff involved in the pilot
- Awake Labs deploys the watches & mobile phones to pilot participants and staff

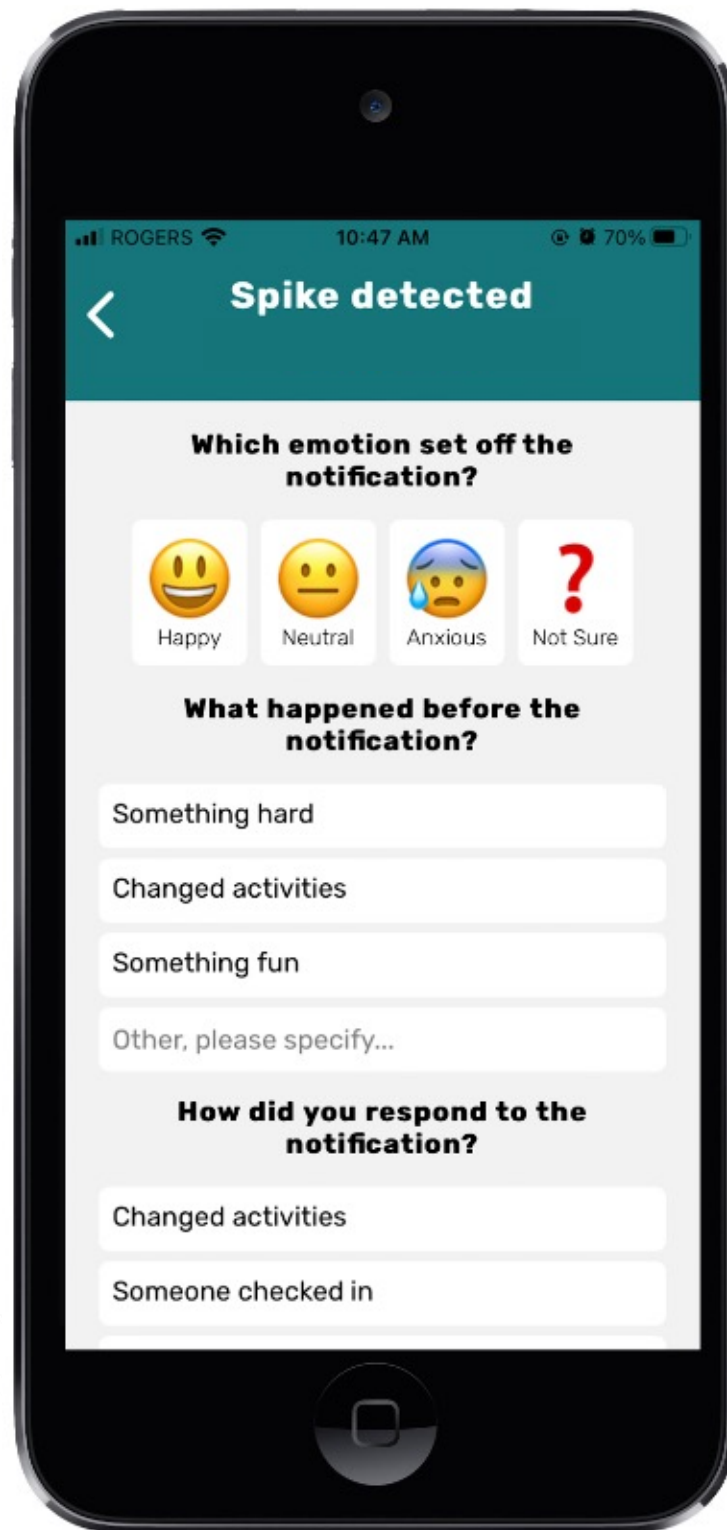


Phase 3: Tech Introduction

- Staff and pilot participants start wearing the watch and using the technology
- Staff and pilot participants develop a daily routine with the technology



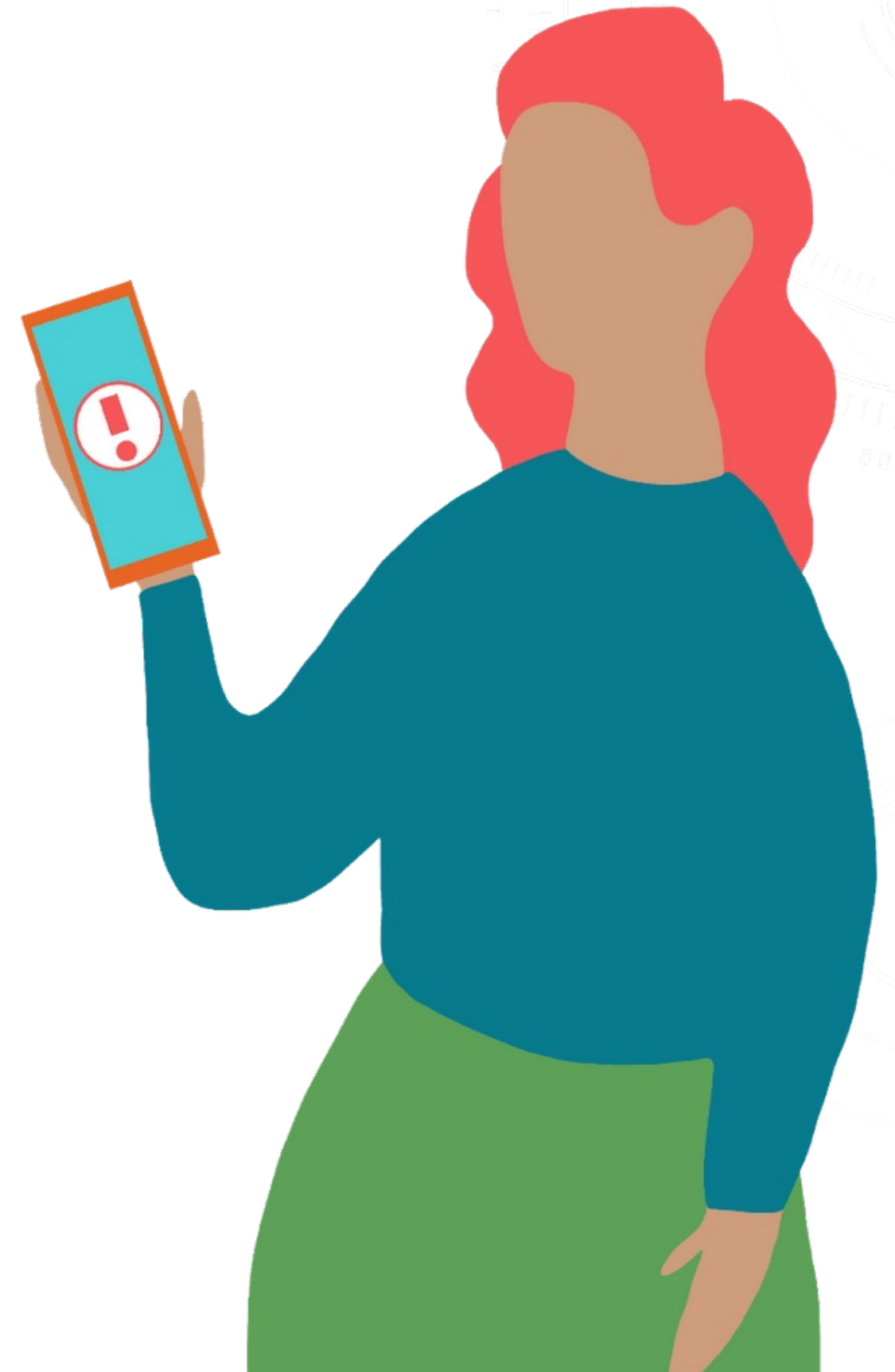
Phase 4: Data Capture



- Participant regularly wears the watch, collecting physiological data
- Staff respond to notifications and provide contextual data

Phase 5: Intervention

- With baseline and ongoing data collection, staff leverage the technology to inform their real-time daily interventions
- Clinical team uses the web dashboard to identify patterns and inform care strategies



Phase 6: Evaluation & Expansion

- All partners review outcome data and determine the success of the pilot to reach shared goals
- Plan for expansion and further integration



Helping you improve lives

for adults with
cognitive disabilities

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JAY NOLAN COMMUNITY SERVICES

THE INSTITUTE
EXECUTIVE SUMMIT



SUPPORTING CHILDREN & ADULTS WITH
AUTISM AND OTHER DEVELOPMENTAL
DISABILITIES SINCE 1975.

OUR MISSION

The mission of Jay Nolan Community Services, Inc. (JNCS) is to enable individuals with Autism Spectrum Disorder and other Developmental Disabilities to live fulfilling lives as members of the community by providing support services customized to their individual needs.



PROGRAMS

FAMILY SUPPORT SERVICES

FSS provides an array of individualized and customized support services to assist persons of any age living in their family home to realize their hopes and desires. JNCS provides Community Facilitator, Alternate Family and Independent Living Services.

EMPLOYMENT SERVICES

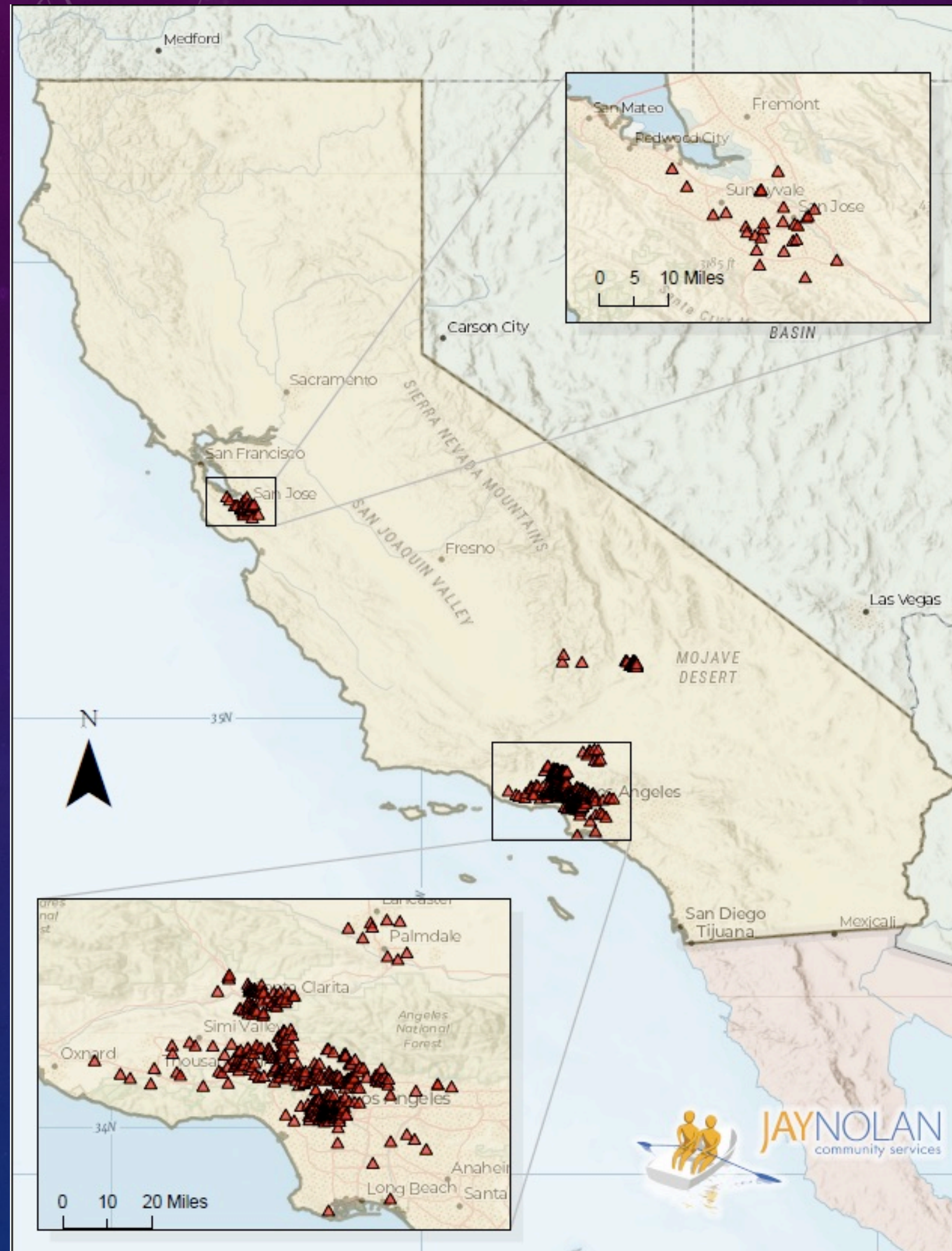
Identifying and securing employment is a crucial pathway to personal empowerment and independence. Services we provide include Job Development, Job Coaching, PIP, and the Uniquely Abled Academy, a program in collaboration with the College of the Canyons.

SUPPORTED LIVING So CA

SLS assists people to live in their own homes throughout Southern California with 24-hour support.

SUPPORTED LIVING Nor CA

SLS NorCal assists people to live in their own homes in Santa Clara, Monterey, and Santa Cruz Counties with 24-hour support.



TRENDS AND CHANGES

COMMUNICATION

The Supported
Individual

BARRIERS TO
INDEPENDENCE

GOALS/OUTCOMES

TRENDS AND CHANGES

COMMUNICATION

Wearable Tech
↕
Support Staff

BARRIERS TO
INDEPENDENCE

GOALS/OUTCOMES



THANK YOU!