

Transforming the face of research

Enabling anyone, anywhere, to contribute to—and benefit from—biomedical research



Katie Baca-Motes, MBA
Senior Director, Strategic Initiatives
Scripps Research Digital Trials Center



Julia Moore Vogel, PhD, MBA
Program Director, The Participant Center,
All of Us Research Program
Scripps Research Digital Trials Center

ABOUT THE LECTURE

The promise of digital health lies in the delivery of highly personalized care through the smartphone sitting in your pocket. Dr. Julia Moore Vogel and Katie Baca-Motes revealed a revolutionary new paradigm of conducting clinical research that offers broad and longitudinal patient data, engages diverse participants as partners and democratizes access for any scientist wishing to improve human health. This scalable, participant-centric model is already being implemented across various clinical trials, empowering individuals to become active partners in the advancement of precision medicine.

TOP TAKEAWAY POINTS

1. **The explosion of digital health technologies in the past decade** is allowing scientists to capture clinically relevant digital biomarkers and transform trial participation. Traditional clinical trials have been limited to on-site academic centers, requiring in-person visits that provide only episodic data and an incomplete picture of a participant's health.
2. **Scripps Research leads The Participant Center**—the innovation arm for the nationwide *All of Us* Research Program. This ambitious initiative is well on its way to recruiting 1 million individuals, with participants currently enrolled in over 900 research studies. Crucially, over 50% of participants are from racial and ethnic minorities traditionally underrepresented in medical research.
3. **The Digital Trials Center is reengineering the participant experience** to sustain engagement over several years: individuals can easily join online, share and visualize their own health data at home, have accessible options for providing biosamples and receive personalized support at any time.
4. **The DETECT study highlights the unprecedented speed and scale of this digital trials approach.** Using heart rate data from wearable devices to predict the onset of viral illness, this study went from concept to nationwide launch in four weeks, enrolling over 35,000 participants in the first four months. This method has now been extended to the **Long COVID Wearable Study**, in which digital biometrics are used to help patients “pace” their energy levels throughout the day, accelerating their recovery from this disabling condition.
5. **The Scripps Research Digital Trials Center** is currently involved in many other exciting trials inviting participant engagement, such as **PowerMom** to transform maternal health, **PROGRESS** to understand metabolic diseases using precision nutrition and **REFRESH** to advance sleep medicine.

Learn more at [All of Us Research Program](#), [DETECT](#), [Long COVID Wearable Study](#), [PowerMom](#), [REFRESH](#) and [PROGRESS](#).



THE FRONT ROW
at Scripps Research