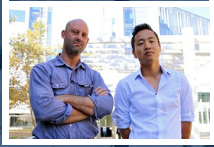


# Do you Know Who's Healthy in Your Community?



## Distributed Health Labs

Co-founders, Dr. Albert Yu-Min Lin, Dr. Eliah Aronoff-Spencer, Qualcomm Institute (Calit2)

## CURRENT RESEARCH

### Transforming health through digital connectivity and human action

DH Labs uses technology to remedy the common, yet extremely ineffective, practice of diagnosing and treating health problems without fully examining our surrounding environment. DH Labs believes it is imperative that all citizens have a better understanding and stewardship of our shared environment which will, in turn, improve health and our ability to diagnose health issues

- To reach their goal, DH Labs are capitalizing on the convergence of two technological phenomena: the decreasing costs in medical technology and the increasing ability to share health information through smart devices.
- The smart phone medical technology developed by DH Labs enables every person to analyze their own health, and the health of their surrounding environment (e.g., water pollution, air quality, etc.), in a secure way.
- This technology will allow smartphone users to contribute to a cloud of information regarding the health of their environment (inadvertently, simply by carrying their smartphones with them on the go), and then access that information as they need it and most importantly, apply it to their daily health choices.

Rather than traveling to hospitals or waiting for doctors, DH Labs envisions people using a network that is already available to them - through their smart phones - to have a direct impact on their health and the health of the environment in which they live. They believe this is a revolutionary technology because human health is inextricably linked to environmental health.

## AFFILIATION

 University of California, San Diego

## RESEARCH AREAS

Life Science, Health IT, IOT, Devices, Data, IOT, Devices, Data

## FUNDING REQUEST

Your donations will be applied towards building the sensors, mobile apps, and cloud infrastructure necessary to reveal environmental and human health threats that are imperceptible to the human eye, such as heavy metal contaminants in water or high blood pressure. Your contributions will help create this new technology for smart devices.

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