From cell phone apps that instantaneously relay data worldwide, to a video chat with a doctor that allows a rural patient with diabetes to manage her condition faster and more economically, new technologies hold the potential to transform health.

At the nexus of data, innovation and technology, PHI brings unlikely partners together to spark new solutions.
Deploy new technologies in diverse health care settings to improve quality of care and expand access for underserved populations.

Connect communities online, disseminate evaluation results and amplify best practices using innovative communications platforms.

Evaluate which technologies are effective at improving health outcomes, changing behaviors and lowering costs.

The California Health Disadvantage Index, developed by PHI's Public Health Alliance of Southern California and its partners, provides census tract-level snapshots of the social determinants of health. With a user-friendly interactive map to identify populations most vulnerable to poor health outcomes, the Index helps identify and prioritize public health interventions in underserved communities.

The Cancer Registry of Greater California captures timely, high-quality data for research, surveillance and reporting.

- **471,000** pathology reports processed every year
- **103,400** new cancer cases obtained from hospitals, physicians’ offices, radiation clinics and surgery centers each year
- **11,082** new cases identified and added to the 2015 statewide database that had not been seen in other reporting sources
- **25+** peer-reviewed publications every year. A 2015 study revealed that nearly one third of patients with epithelial ovarian cancer in California between 1994 and 2001 survived at least 10 years after diagnosis—garnering an “excellence in research” award from the prestigious Obstetrics and Gynecology journal.

For more examples of our work, visit phi.org.

**Virtually Connecting Patients to Care**

The Center for Connected Health Policy’s Specialty Care Safety Net Initiative (SCSNI) used telehealth to connect patients in rural and urban medically underserved communities with health specialists in six high-need disciplines. Over the span of three years, SCSNI clinics successfully referred over 3,000 patients for specialty care in offices as far as 600 miles apart.

**Collecting Better Data** — To help a client examining cancer across generations, Survey Research Group built a customized Participant Relationship Management System, enabling interviewers to build personalized connections with participants and their children. The custom software allowed examiners to coordinate schedules, retrieve participant contact information and automatically connect to GPS mapping software.

**Advocating for Air Quality**

In California’s Imperial County, asthma rates are among the highest in the state. PHI’s California Environmental Health Tracking Program worked with partners and community members to launch IVAN Air Monitoring, a network of air quality monitors that provide real-time data so parents, schools and community members can protect health and advocate for cleaner air policy.

**Building an Online Learning Community** — PHI’s Dialogue4Health communications platform allows community members and professionals from all sectors who are interested in improving public health to connect online via Web Forums, web-based meetings and virtual classrooms. Since starting in 2008, D4H has hosted over 200 Web Forums with more than 60,000 attendees.