

HARNESSING OPEN DATA AND AI FOR HEALTH

14 TOP HEALTH BEGAN IN OCTOBER 2018
WEEKS

10 DEVELOPED AND DELIVERED DIGITAL TOOLS TO ADDRESS HEALTH CHALLENGES
TEAMS

11 RESULTED IN DATA-DRIVEN DIGITAL TOOLS TO BENEFIT THE AMERICAN PUBLIC
PRODUCTS AND PROTOTYPES

THIS WORK ADVANCED PRIORITIES RECENTLY IDENTIFIED IN THE AMERICAN AI INITIATIVE, ESTABLISHED BY EXECUTIVE ORDER IN FEBRUARY 2019

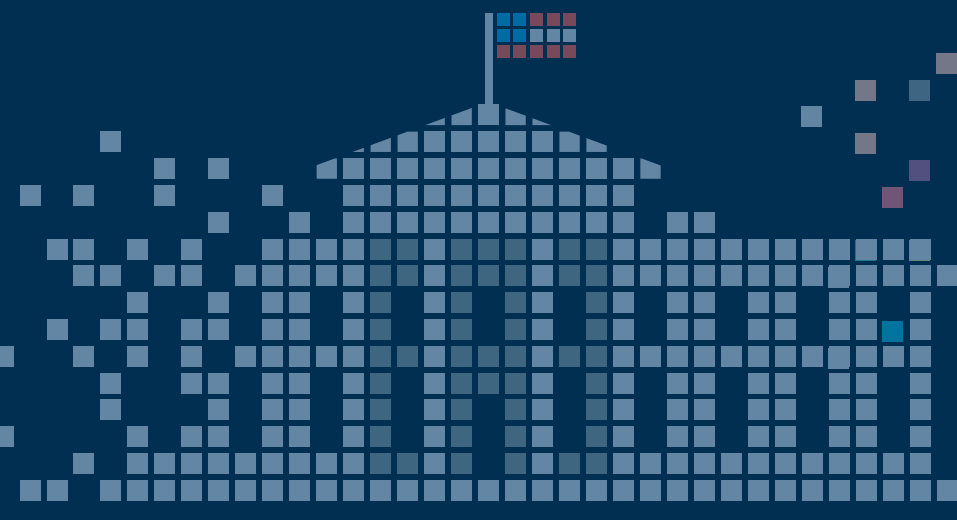
TOP Health also illustrates real-world value as government data is unlocked for public use as machine-readable 'open data,' per the January 2019 signed Foundations for Evidence-based Policymaking Act

CHALLENGE #1:

ARTIFICIAL INTELLIGENCE (AI) TEAMS

7 TEAMS WORKED TO IMPROVE HOW PATIENTS ARE MATCHED TO CLINICAL TRIALS AND EXPERIMENTAL THERAPIES

The 21st Century Cures Act of 2016 and the "Right to Try" Act of 2017 helped to inspire and frame the two challenges



TOP HEALTH WAS LED BY

Gil Alterovitz,
Presidential Innovation
Fellow at the U.S. General
Services Administration

Kristen Honey,
Innovator in Residence at
the U.S. Department of
Human and Health Services

Federal agencies provided curated datasets on Healthdata.gov and Data.gov with access to the data stewards

CHALLENGE #2:

LYME AND TICK-BORNE DISEASE TEAMS

4 TEAMS DEVELOPED CAPABILITIES TO SUPPORT DATA-DRIVEN DECISIONS FOR THE PREVENTION, EDUCATION, AND SCIENCE TO IMPROVE PUBLIC HEALTH OUTCOMES RELATED TO TICK-BORNE DISEASES

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CHALLENGE #1: AI ECOSYSTEM TEAMS: EMPOWERING PATIENTS WITH THE AI ECOSYSTEM, DATA UTILITY, AND CHOICE

**Philips Research
Trial Explorer**
In the Netherlands

**TrialX
iConnect**
Developed in partnership with WCG
In New York, NY

**Microsoft
Clinical Trail Matching Bot**
In Israel

**Flatiron Healthcare
Flatiron Trials**
In New York, NY

**Oak Ridge National
Laboratory
ORNL SmartClinicalTrials**
In Oak Ridge, TN

**Rush University
3D Innovation Program
ACCESS** (Spun out of Rush Medical)
In Chicago, IL

**Oracle
Oracle TOP Health Team**
In Washington, DC

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CHALLENGE #2: LYME AND TICK-BORNE DISEASE TEAMS

CO-CREATING SOLUTIONS WITH PATIENTS AND PRACTITIONERS AS PARTNERS IN DATA-DRIVEN INNOVATION

**LivLyme Foundation
Tick Tracker App**
In Denver, CO and Columbus, OH

**LivLyme Foundation
TickTockBOOM! Game**
In Denver, CO and Columbus, OH

**California Center for
Functional Medicine
Clyme Health**
The San Francisco Bay Area, CA

**TrialX and Global
Lyme Alliance
Lyme Tracker App**
In New York, NY

COLLABORATING AGENCIES including



COLLABORATING ORGANIZATIONS including



This initiative is a collaboration between the Presidential Innovation Fellows Program (PIF) at the General Services Administration (GSA) and the Office of the Chief Technology Officer (CTO) at the U.S. Department of Health and Human Services (HHS). Special thanks to: Ed Simcox, Liz Squire, Jacob Ashendorf, and Aspen Kissell at HHS; Drew Zachary and Lorena Molina-Irizarry at the Census Bureau; Joshua Di Frances, Davar Ardalan, Nina Bianchi and Justin Koufopoulos at GSA as well as designer Kate Saker.

TOP Health was modeled in part after The Opportunity Project (TOP) led by the Census Bureau at the U.S. Department of Commerce. TOP is a process for engaging government, communities, and the technology industry to create digital tools that address our greatest challenges as a nation.