SURVEILLANCE & EPIDEMIOLOGY

CAPABILITIES BRIEF

Eagle Health Analytics, LLC (EHA) is a certified 8(a) Alaska Native Corporation (ANC) that contracts with federal agencies and military partners through both the direct award and competitive procurement processes. We possess the ability to rapidly recognize and respond to both global and local health threats. The digital world provides an unprecedented opportunity to develop novel tools that provide solutions capable of mitigating public health emergencies. EHA's contribution to the field of Digital Disease Detection helps identify both global and local health threats.

As a small business, EHA is singularly qualified to support federal programs in spheres where previously only large companies have been players. Our 8(a) status allows EHA to accept direct awards (sole-source contracts) up to $22 million. Awards to an 8(a) ANC cannot be protested.

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EAGLE HEALTH ANALYTICS
SBA Certified 8(a) Contractor
Primary NAICS: 541715
EHA DUNS: 081341367
EHA Cage Code: 85TV8

SBA CONTACT
Please contact us directly for information on our SBA Officer.

POLICY & REGULATORY SUPPORT

EHA provides subject matter expertise to Food and Drug Administration (FDA) leadership for both novel technology development and policy support during FDA's implementation of the Food Safety Modernization Act (FSMA). Our technical guidance supports the development of a Strategic Blueprint that outlines FDA's plans to leverage technology and other tools to create a more digital, traceable, and safer food system. This work builds on past advances in FDA's implementation of the FSMA and expands the use of current technologies including blockchain, sensor technology, the Internet of Things, and artificial intelligence.

DIGITAL DISEASE DETECTION

EHA developers collaborated on a wide range of apps and systems to improve digital disease detection capabilities. These tools include BioMosaic and the Electronic Disease Notification system (EDN), which consolidate and digitize demographic and medical records data, and the Kindenga mobile app, which provides an early warning for mosquito-borne disease outbreaks like Dengue, Chikungunya, and Zika.

We also provide advanced capabilities and disease detection guidance to the Global Disease Detection Operations Center (GDDOC) within the Division of Global Health Protection (DGHP).

DEVELOPMENT OF Z-POINT & SET-POINT

During the Zika Emergency Response, clinical experts needed to carefully review the data to classify cases according to standardized surveillance case definitions. To streamline Zika emergency response analytics and simplify the complex review process, the Zika Pregnancy of Interest Navigation Tool (Z-POINT) was created. This tool intuitively presents a vast amount of maternal and infant data, automatically performs calculations, and allows the reviewer to record decisions about case classification.

Following the emergence of SARS-CoV-2 in late 2019, the process used to develop Z-POINT was applied to data review needs related to the pandemic. Because of the proven success of Z-POINT, a new version has been created (SET-POINT) which is currently being used for COVID-19 emergency response analytical efforts.

PARTNERS

- Food and Drug Administration (FDA)
- Centers for Disease Control and Prevention (CDC)
- Harvard University
- University of Toronto

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