



PRECISION MEDICINE

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 work in the emerging disciplines of precision medicine and bioinformatics and utilize a wide array of computational tools designed to extract valuable information contained within genomic data. EHA supports research in the application of genetics, genomics and multiomics to understand, diagnose and treat diseases—bridging the basic science and clinical research communities.

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.

EHA ATLANTA OFFICE

2835 Brandywine Rd.
Suite 200
Atlanta, GA 30341

EHA CORPORATE OFFICE

1826 N Loop 1604 W
Suite 336F
San Antonio, TX 78248

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.

PRECISION MEDICINE SUPPORT

EHA provides bioinformatics expertise in support of military health. Our partnership advances therapeutic developments through big data analysis and precision medicine. We provide human variant, transcriptomic, methylomic, and metagenomic profiling and analysis for Principle Investigators (PI). This work involves the performance of Next Generation Sequencing (NGS), Pyro-Sequencing, and Sanger Sequencing. EHA data scientists develop algorithms for the analysis of large NGS datasets; establish and maintain local and cloud-based databases for housing data and metadata related to NGS projects in accordance with applicable DoD guidelines; and help PIs generate value from large biomedical datasets.

BIOINFORMATICS SUPPORT

EHA supports the CDC's mission to bring advanced technologies, including next-generation sequencing and bioinformatics, into the US public health system in order to more effectively prevent and respond to important public health threats. Our bioinformatics experts assist with the generation of value from whole-genome sequences of infectious disease agents (i.e., pathogenic viruses, bacteria, fungi and parasitic organisms). EHA scientists

manage, analyze and integrate large datasets and interpret complex results in plain language to Public Health Officials to facilitate the creation of informed and sound decisions to protect our nation and our global partners.

INNOVATIONS IN PERSONALIZED MEDICINE

EHA provided critical subject matter expertise to the overall design of a panel consisting of seventeen different single nucleotide polymorphisms (SNPs) associated with an increased prevalence of Type 2 Diabetes (T2D). The results of this diagnostic test drive a "Personalized Medicine" approach for the early detection of T2D and to identify individuals that may benefit from preventative intervention.

PARTNERS

- U.S. Air Force Medical Service (AFMS) Enterprise
- U.S. Air Force 59th Science & Technology Wing
- U.S. Army Institute of Surgical Research (USAISR)
- Centers for Disease Control and Prevention (CDC)
- Office of Advanced Molecular Detection (AMD)
- Division of Foodborne, Waterborne, and Environmental Diseases (DFWED)
- National Center for Emerging and Zoonotic Infectious Diseases (NCEZID)

