



# PHRONETIK

We ARE Precision Medicine

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## CAPABILITY STATEMENT

### CORE COMPETENCIES

Phronetik is a biomedical research organization dedicated to advancing precision medicine in research and healthcare.

- Clinical & Biomedical Research
- Genomics & Molecular Diagnostics
- Data Science & Health Informatics
- Precision Medicine Solutions

### RESEARCH CAPABILITIES

**Biomedical & Translational Research:** Epigenetic and biomarker discovery; diagnostic and therapeutic development; pre-clinical and clinical research; prevention and detection; clinical trial support; and public health informatics.

**Genomics & Omics Biodiscovery:** Comprehensive genomic and multi-omic services, including RNA/DNA sequencing, specialized assays, and biodiscovery research across human, plant, and animal systems.

**Neuroscience & Mental Health:** Genetic, neuroinformatics, and behavioral research to advance understanding of brain health and function.

### PRECISION MEDICINE CAPABILITIES

**Genomic Profiling & Analysis:** Next-generation sequencing (NGS), pharmacogenomics, and molecular diagnostics to guide targeted therapies.

**AI & Predictive Modeling:** Machine learning algorithms and data analytics for personalized treatment planning and population health insights.

**Clinical Trial Integration:** Translating genomic and real-world data into actionable clinical outcomes through adaptive trial design and analysis.

**Digital Health & Informatics:** Interoperable platforms that connect genetic, clinical, and environmental data to enable precision health across diverse populations.

### FACILITIES

**Research Center & National Laboratory:** Contracted clinical, biomedical, and translational research; diagnostics and laboratory services; biopharma and drug development; cancer and rare disease research; pharmacogenomics; human, plant, and animal microbiome; agrigenomics; and genetic testing and counseling.

**Mobile Laboratory:** state-of-the-art mobile capabilities delivering genomics, diagnostics, and data-driven testing directly to communities and research sites.

### PAST PERFORMANCE

**Department of Veterans Affairs - IHT 2.0:** Data integration, analytics, and research support to advance interoperability and clinical insight.

**NIH - National Institute of Nursing Research:** Biostatistics & bioinformatics support, including data processing, predictive modeling, and machine learning analysis.

### Socioeconomic Status

SDVOSB, WOSB, EDWOSB, Small Business

### Federal Cage Code

70ZL7

### DUNS Number

079094861

### Unique Entity ID

ERZBSTKPBUN1

### EIN Number

46-3361285

### NAICS Codes

541330  
Scientific Research & Development

541380  
Biological Testing Laboratory

541511  
Custom Development

541512  
Computer Systems Design

541519  
Other Computer Services

541611  
Management Consulting

**\*\*541714  
R&D in Biotechnology**

541715  
R&D in Physical and Life Sciences

541690  
All Other Scientific & Technical  
Consulting Services

621511  
Medical Laboratories