Lantana Capability Statement

Lantana
CONSULTING GROUP

Our mission is to improve public health by linking data across public health and clinical systems. We seek a complete and accurate picture using the highest level of automation available. Our solutions support public health and quality reporting, data management, terminology mapping, specification development, and testing. Read about some of our work in public health here: NHSN SAAR and Predictable Reporting.

Core Competencies

Data Reuse:

- Streamline clinical and administrative data acquisition using open APIs
- Develop open standards for public health use cases and build consensus among stakeholders through national ballot
- Implement open standards solutions
- Integrate and manage data captured in disparate systems
- Communicate and engage with stakeholders to support adoption

Analysis:

- Improve data utilization and reporting
- Collect, manage, link, analyze, visualize, and present public health data using various analytics software, including SAS, R, and PowerBI
- Develop, implement, and manage public health surveillance and prevention programs at national, state, and territorial levels
- Provide outreach, training, education and ongoing support to stakeholders on public health data and surveillance platforms
- Perform data quality evaluation, tracking and outreach

Differentiators

- More than a decade of leadership in health IT across the public health continuum – from collection through analysis and reporting
- Expertise across public health, clinical informatics, and analytics, combined with application engineering
- Focus on cost-effective, scalable, standards-based solutions that benefit the industry
- Leverage technical and domain expertise to provide long-term program support, resources, and training for clients

System/Program Experience

- Antibiotic Resistance Laboratory Network (ARLN)
- Electronic Case Reporting (eCR)
- Electronic Health Records (EHR)
- Electronic Laboratory Information Management Systems (eLIMS)
- Electronic Laboratory Reporting (ELR)
- Emerging Infections Program (EIP)
- National Healthcare Safety Network (NHSN)
- Nationally Notifiable Disease Surveillance System (NNDSS)

Staff Expertise

- Acute, ambulatory, long-term, and post-acute care settings
- Clinical terminologies: ICD-10 CM/PCS, LOINC, RxNorm, SNOMED CT
- Data analysis, validation, and visualization using SAS, R, and PowerBI
- Electronic information exchange standards: FHIR, CDA, HL7 V2, CQL, QDM
- Epidemiology and biostatistics
- Health informatics
- Health literacy, communication, and education
- Medical record abstraction
- Public health surveillance, national survey, and vital records data

Representative Clients

- Association of Public Health Laboratories
- American Society of Clinical Oncology
- California Department of Public Health
- Centers for Disease Control and Prevention
- Centers for Medicare & Medicaid Services
- Chesapeake Regional Information System for Our Patients
- Community Care of North Carolina
- Department of Vermont Health Access
- OneHealthPort
- Public Health Informatics Institute
- UC Davis Hospital System
- Vanderbilt Medical Center

Company Snapshot

- Certified Woman-Owned Small Business
- Co-authored over 70 CDA and FHIR specifications
- Offer open-source tools for CDA and FHIR
- ~1,500 pro bono hours donated annually via industry engagement

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