

COMPANY

A Maryland small business applying epidemiology and causal-inference rigor to messy, real-world data, and to the systems that teach people to reason through it.

CORE COMPETENCIES

- **Data architecture and enterprise modeling.** Relational schemas, multi-system integration and pipelines built for regulated data, so analytics and AI sit on a foundation that holds.
- **Data analysis, statistics and visualization.** Study design, modeling and reporting on large administrative and public-use datasets, presented so a non-technical reviewer can act on it.
- **Record linkage and entity resolution.** Linking records that share no common identifier, and quantifying how much error the linkage itself introduces.
- **Synthetic data with known ground truth.** Realistic datasets where the correct answer is known by construction.
- **Unstructured to structured extraction.** NLP pipelines converting narrative case files, clinical literature and technical documentation into queryable structure, with citation locking.
- **Bias measurement and validation.** Separating real effect from artifact of measurement, linkage or instrument design.
- **Privacy-first agentic AI.** Local LLM orchestration on open-weights models behind the client's own firewall.

DIFFERENTIATORS

- **Cleared for controlled technical data.** JCP / DD Form 2345 approved, with CMMC Level 2 self-assessment posted to SPRS.
- **Methodological Rigor.** Replicated methods papers and analyses with responsible AI use, available at github.com/UnconfoundLabs.
- **Principal investigator credentials.** MHS Epidemiology, Johns Hopkins Bloomberg School of Public Health; MPH, Emory University; doctoral training in epidemiology with modern data science tooling and AI, LLM orchestration. Public health record linkage and pharmacovigilance.
- **Sized for small awards and quick turnaround.** One technical principal, no subcontractor overhead.

PAST PERFORMANCE

- **Brand new 2026 small startup firm.** Actively pursuing new innovative methods to traditional workflows. Federal SBIR Phase I proposals submitted in 2026 to DoW (AF) and DoEd (IES). Past Master's thesis work partnered with CDC/ATSDR.

COMPANY DATA

UEI Z8AXDFDPAAP2

CAGE 22GK8

Maryland LLC, formed May 2026

Small Business, Woman-owned

NAICS CODES

541511 Custom Computer Programming

541512 Computer Systems Design

541611 Management Consulting

541720 R&D, Social Sciences

REGISTRATIONS

SAM.gov, active

SPRS and DIBBS

JCP / DD Form 2345, approved August 2026

CMMC Level 2 self-assessment

STACK

Python, SQL, AWS, GCP

Local LLM orchestration

Claude Code / Codex / MCP

PAYMENT

Accepts Government Purchase Card (Visa and Mastercard)

CONTACT

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