



VFP 2024–2025

# Mapping the American Dream with Human-Centered AI and Live Data

Use human-centered AI to cross-reference personal needs against community data, creating a multidimensional “navigator” that tracks and empowers progress toward the American Dream.



**Mary Tobin**  
 CAPTAIN | US ARMY

## Challenges

**44%**

of the American workforce (67 million people) do not earn a living wage.

**1/3 (85M)**

of eligible voters are low-income citizens.

**58%**

of registered voters report living paycheck to paycheck.

## Achievements



Launched **Green Bridges AI**, a **social impact tech firm** leveraging human-centered AI to help Americans navigate paths to the **American Dream**.



Developed the **Tobin Index™**, a proprietary framework evaluating individual progress across **four pillars: economic standing, well-being, social trust, and community**.



Architected an **AI LLM methodology** blending **Maslow's hierarchy** with **democratic determinants** to provide actionable, individualized pathways for growth.

## Activities

1. Research on **Maslow's Hierarchy of Needs** and the **Democratic Determinants of Health** resulted in the development of the **Tobin Index™**, a proprietary framework that quantifies individual progress toward the American Dream.
2. In collaboration with top-tier **AI experts**, architected an LLM-based framework to **deliver personalized, data-driven pathways for users**.
3. Cultivated **strategic partnerships with nonprofit leaders, former political appointees, and tech experts** to validate project viability and design scalable implementation strategies.
4. Pitched the **Green Bridges AI concept at the Vets in Tech: AI Investments and Innovation summit** and secured concept validation and investor interest.



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