

# FOUNDRY 42

Where Researchers, Makers,  
Founders & Capital Converge to Tackle the  
Root Causes of Disease, Catalyzing Longevity

BECAUSE THE RIGHT ANSWER NEEDS THE RIGHT QUESTION

# THE PROBLEM

- Traditional health innovation is slow, fragmented, and misaligned – academia, industry, and governments have conflicting priorities.
- There is no seamless path from discovery to adoption, stalling breakthrough solutions.
- Economic and regulatory incentives often favor treatment over prevention, creating misalignment.



# OUR SOLUTION

A Process Where Needs, Prototypes, Founders, and  
Capital Converge to Shape the Future of Health



**The Inquiry Engine:** Identifies unmet needs, provides data-driven policy insights, and reshapes incentives for innovation.



**The Foundry Engine:** Rapid prototyping data-driven health solutions that provide greater ownership and liberty for individuals while creating commercialization pathways that scale globally.



**The Capital Engine:** Deploys capital strategically to accelerate the path from research to real-world application.

Building what the universe forgot to finish



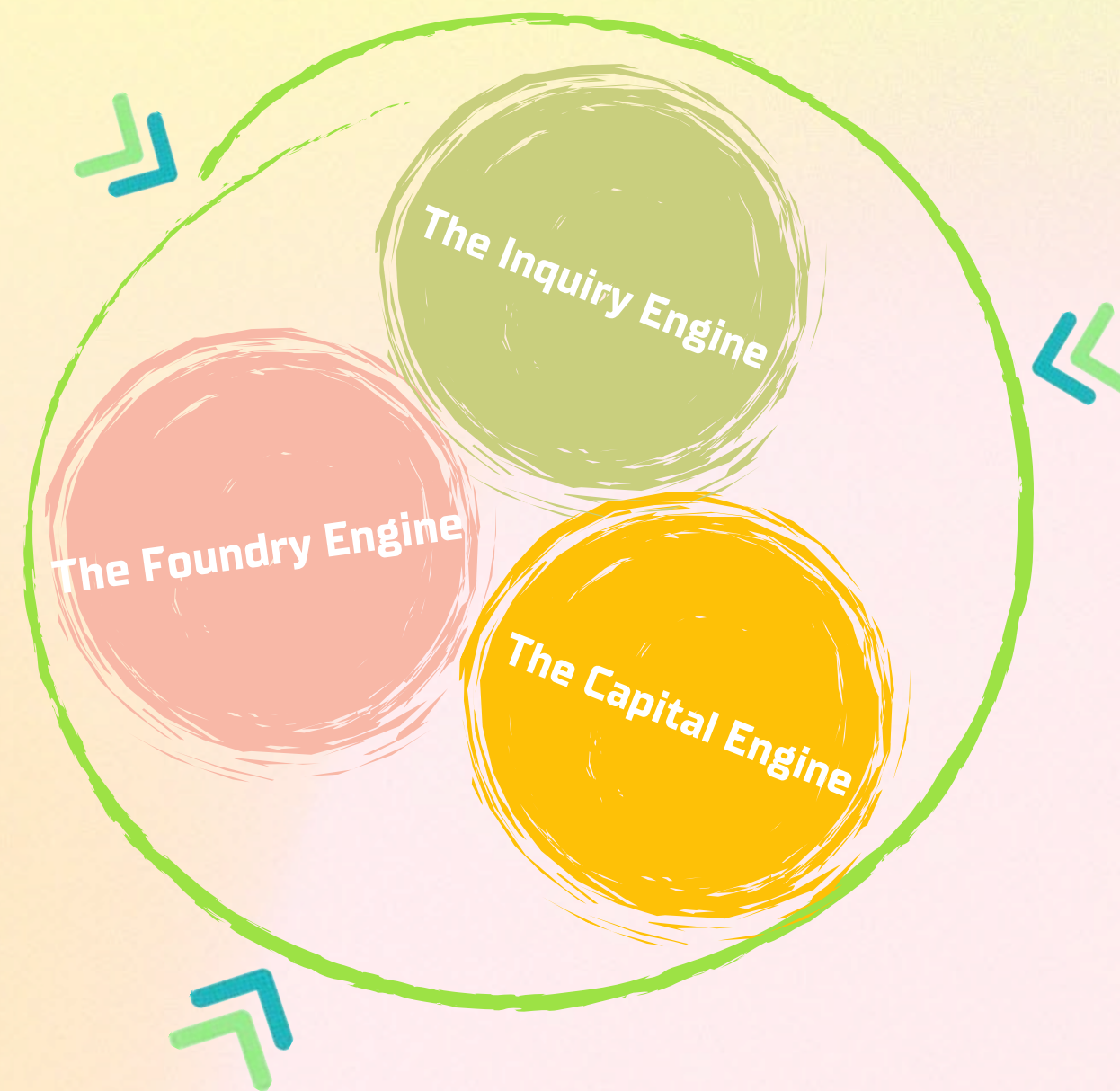
# MISSION + VISION

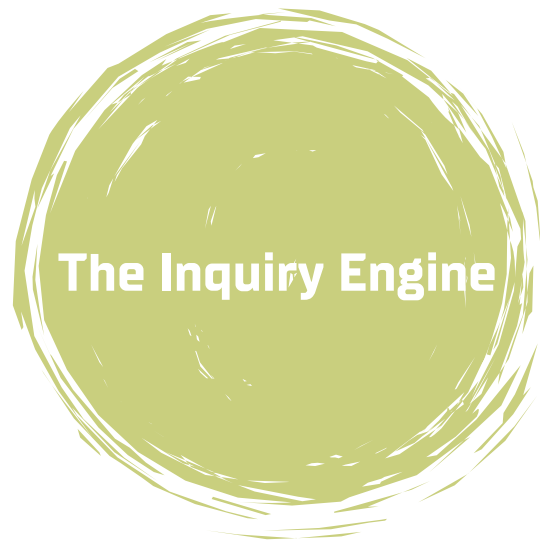
- Engineering the future of human resilience - where biology, AI, and technology converge to eliminate disease, extend health across your lifespan, and unlock human potential.
- A future where disease is obsolete and human health is limitless. We don't predict the future. We build it.



# ECOSYSTEM STRUCTURE

A Seamlessly Interlinked Ecosystem Where Researchers, Builders, Founders, and Funders Collaborate Without Barriers. Independent Functions, Unified Impact.





# THE INQUIRY ENGINE

## Our Catalyst for Change

**Purpose:** Our Inquiry Engine identifies emerging health threats, misaligned incentives, and breakthrough innovations that can reshape public health and longevity.

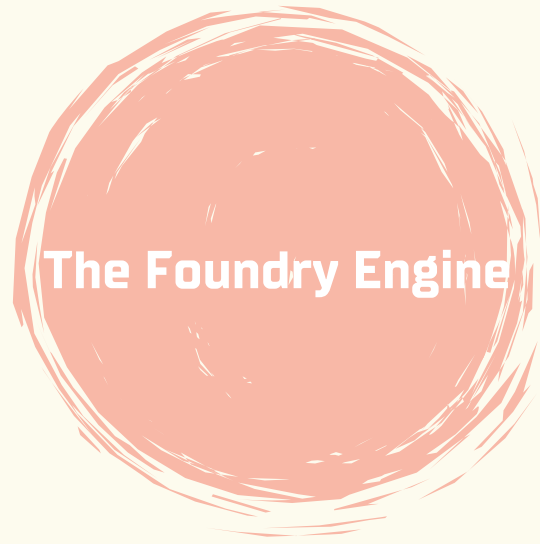
### How It Works:

- **Research & Forecasting:** Uses expert analysis to predict future health challenges and guide strategic investments.
- **Strategic Partnerships:** Unites academia, startups, and policymakers to drive solutions from concept to global impact.
- **Knowledge Hub:** Publishes high-impact reports, white papers, and thought leadership to inform decision-makers and accelerate adoption of new models.
- **Policy & Advocacy:** Works with industry leaders, investors, and regulators, to realign incentives toward prevention and long-term resilience.

### Why It Matters:

- Drives innovation by identifying market gaps before they become crises.
- Bridges the divide between research, government, and industry.
- Aligns incentives for sustainable, profitable health solutions.
- Creates a pipeline for high-impact ideas to move from theory to action.
- De risk - key for success.





# THE FOUNDRY ENGINE

## Building the Future of Health From Idea to Market

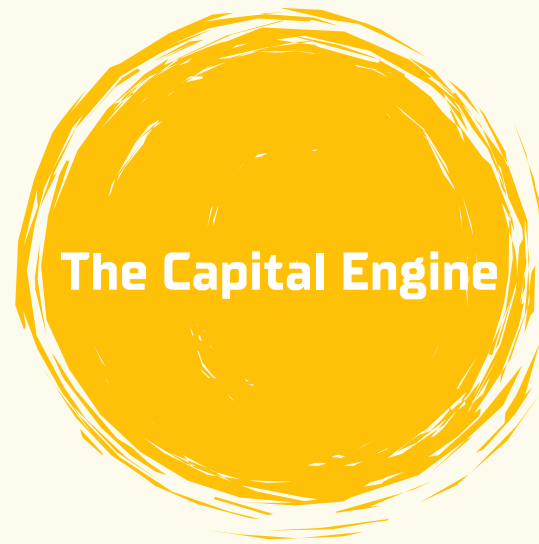
**Purpose:** Our rapid development and deployment Foundry Engine integrates cutting-edge technologies, science and engineering to drive next-generation health solutions and build scalable start-ups.

### How It Works:

- **Rapid Prototyping:** Enables tinkering and fast iteration of health tech and AI solutions.
- **Cross-Disciplinary Creation:** Brings together engineers, scientists, AI experts, and designers to create breakthrough solutions.
- **Market & Regulatory Acceleration:** Streamlines pathways from concept to approval, ensuring innovations can be rapidly deployed.
- **Impact:** Develops solutions that integrate seamlessly into existing healthcare and consumer markets.
- **Incubate:** Accelerate our companies for adoption and scalability.

### Why It Matters:

- Bridges the gap between research and commercialization.
- Enables real-time innovation that meets urgent public health needs.
- Reduces time-to-market for life-saving technologies.
- Positions us as a leader in the global health innovation landscape.



# THE CAPITAL ENGINE

Powers & Accelerates Capital – Fueling Ideas & Scalable Innovation

**Purpose:** Where it all begins. We provide strategic capital to nurture and accelerate the transition from research to commercialization, ensuring breakthrough solutions reach the market efficiently.

## How It Works:

- **Feeds the Inquiry Engine:** Funds research of emerging technologies in longevity, human performance, digital health, and biomedical innovations to accelerate solution finding.
- **Seed & Growth Investments:** Funds, builds, and execute startups of curated emerging technologies.
- **Smart Capital Deployment:** Invests in companies that align with our vision, ensuring financial sustainability and impact.
- **Industry & Startup Incubation:** Supports founders with regulatory navigation, market entry strategies, and commercialization roadmaps.
- **Returns Engine:** We are relentlessly focused on generating cash flow. Profits are reinvested into new ventures, creating a self-sustaining cycle of innovation.

## Why It Matters:

- Transforms ideas into market-ready solutions with the right funding and expertise.
- Accelerates the growth of high-impact health tech companies.
- Creates a return-driven, sustainable investment model for continuous innovation.
- Strengthens the global health innovation ecosystem through strategic funding.



# WHERE DO YOU FIT IN?

## YOUR ROLE IN BUILDING THE FUTURE OF HEALTH

Whether you fund, build, research, donate, tinker, commercialize, regulate, dream or scale, this ecosystem thrives on mission-aligned partners. Find your place and be part of the breakthrough!

### INQUIRY ENGINE PARTNERS

#### **Academic Institutions & Researchers:**

Collaborate on groundbreaking studies and policy recommendations.

**Government & Public Sector:** Shape regulations and incentives for a future-proof health ecosystem.

**Philanthropic Organizations:** Fund critical research, white papers, and advocacy for health innovation.

**Industry Thought Leaders:** Help drive discourse and shape strategies for large-scale health transformation.

### FOUNDRY ENGINE PARTNERS

**Biotech & MedTech Companies:** Partner on rapid prototyping and early-stage validation.

**AI & Data Science Experts:** Develop predictive health technologies and next-gen diagnostics.

**Regulatory & Market Access Specialists:** Navigate approval pathways and bring innovations to consumers faster.

**Healthcare Providers & Payers:** Implement cutting-edge solutions into real-world clinical settings.

### CAPITAL ENGINE PARTNERS

**Angel Investors & VCs:** Invest in high-impact startups aligned with our mission.

**Corporate Investors & Strategic Partners:** Co-invest in and scale innovative health solutions.

**Startup Founders:** Apply for funding, mentorship, and access to regulatory expertise.

**Accelerators & Incubators:** Collaborate to bring high-potential startups to market.



# HOW WE ALIGN INCENTIVES

## BRIDGING ACADEMIA & INDUSTRY

Direct funding and commercialization pathways ensure research doesn't just sit in journals.

## MARKET DRIVEN APPROACH

Investing in scalable solutions that profitably solve major public health challenges and drive adoption.

## DATA-DRIVEN & AI DECISION-MAKING

Predicting future threats and directing funding where impact is highest.

## SUSTAINABLE MODEL

Venture-backed solutions generate returns that ***reinvest*** into new innovations.



# WHY IT WORKS

## AT THE INTERSECTION OF

LIBERTY + HEALTH + ECONOMY

Purpose-built to create a **self-sustaining innovation engine**.

**Public health** shifts from a cost center to a **high-growth investment category**.

Drives real-world impact while ensuring **long-term profitability** for all stakeholders.

Supports technologies that increase health span thus **enhancing the economy, freedom, and human health & connection**.

A convergence of bold minds and a **melting pot of science, engineering, entrepreneurship, and capital** – forging solutions to the root causes of disease, catalyzing longevity, and shaping the next era of human health and flourishing.

# THE MARKET

A Multi-Billion-Dollar Opportunity

## LONGEVITY & HEALTHY AGING

**Market Size:** \$3.2T by 2030

**Key Drivers:** Aging population, rising demand for preventative health, and biotech breakthroughs.

**Opportunities:** AI-driven longevity solutions, personalized medicine, and regenerative therapies.

## DIGITAL & AI-DRIVEN HEALTHCARE

**Market Size:** \$947B by 2030

**Key Drivers:** AI adoption, telemedicine, and consumer-driven healthcare models.

**Opportunities:** Predictive health analytics, digital therapeutics, convenient diagnostics, and other devices that support health care at home.

## BIOMEDICAL & BIOTECH INNOVATIONS

**Market Size:** \$3.9T by 2030

**Key Drivers:** Infectious & chronic disease burden, regulatory shifts favoring innovation.

**Opportunities:** AI-driven drug discovery, real-time biosurveillance, and bioengineering advances.



# INITIAL ASK & USE OF FUNDS

Our phased funding strategy ensures sustainable growth and impact from inception to scale  
Seeking early angels & investors to ignite Foundry 42

**CRAWL**  
**YEAR 1**  
**\$10 MILLION**



**WALK**  
**YEAR 2**  
**\$20 MILLION**



**RUN**  
**YEAR 3-4**  
**\$70 MILLION**

- Establish legal and operational foundations.
- Cover legal and regulatory requirements.
- Build core team for strategic planning and early operations.
- Initiate partnerships and collaborations.
- Launch The Engines.

- Establish The Capital Engine.
- Develop key strategic partnerships.
- Initiate studies, white papers, and technology mapping efforts.
- Deploy capital and grow The Engines.

- Accelerate capital deployment into high-potential startups originated or identified by our Capital Engine.
- Follow-on funding to support portfolio companies.
- Expand commercialization efforts and scale operations.

Because someone had to ask...

# MEET OUR TEAM



**Conor Browne**

Biorisk Expert,  
Forecasting, Analysis,  
Risk Management,  
Government, NGO, &  
Commercial Sectors



**Amanda Campbell**

Policy Strategist, Public  
Health, Federal Budget,  
Congressional Relations,  
Strategic Planning &  
Communications



**Geraldine A. Hamilton, PhD**

Scientist, Entrepreneur,  
Startup Founder &  
Leader, Innovator,  
Biotech, Pharmaceutical  
Industry, Academia,  
Investment



**Kerry Halferty-Hardy**

Strategic Advisor,  
Lecturer, Social Impact,  
Global Development,  
Healthcare, Agriculture,  
& Energy



**Cécile Philippe, PhD**

Economist, Writer,  
Economic Think Tank  
Founder, Institutional  
Solutions to National &  
Worldwide Challenges



**Kyle McGowan**

Public Health Strategist,  
Government Affairs  
Expert, Crisis  
Management, Executive  
Leadership, &  
Stakeholder  
Engagement



# MEET OUR ADVISORS



**Andy Walshe, PhD**

Human Performance Expert, Global Strategist, Red Bull High Performance, Innovator, Neuroscience, Behavior Design, Elite Systems Across Sport, Military, Culture



**Yrmis Barroeta**

Entrepreneur, Economist, Designer, Community-Driven Innovator, Market Maker, Builder of Purposeful Ventures, Educator at the Intersection of Design, Culture & Impact



**Llewellyn Cox, PhD**

Scientist, Entrepreneur, Investor, Biotech Strategy, Lab Design & Operations, Founder, Ecosystem Builder, Academic-Industry Innovation



**Susan Windham Bannister, PhD**

Commercialization Strategist, Investor Advisor, Biotech Market Access Expert, Former \$1B Fund CEO, Global Leader in Life Sciences & Innovation Policy



**Bobby Chang**

Entrepreneur, Designer, Global Brand Builder, Product Strategist, Innovation Leader, First-Principles Thinker, Creator of Iconic Consumer Experiences



**Thibaut Bechetoille**

High-Tech Entrepreneur & Executive, Board Member, Strategic Advisor to Founders & Investors, Innovation, Growth Strategy, Venture-Backed Companies

# FOUNDRY 42

Got questions? Bring them. You belong here.

## THANK YOU

"IN THE MIDST OF EVERY CRISIS, LIES GREAT OPPORTUNITY."

– ALBERT EINSTEIN –

[FOUNDRY42.net](https://foundry42.net)

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