

# PROPEL: The National Center for Precision Medicine

\$80 Million EDA Tech Hub Proposal



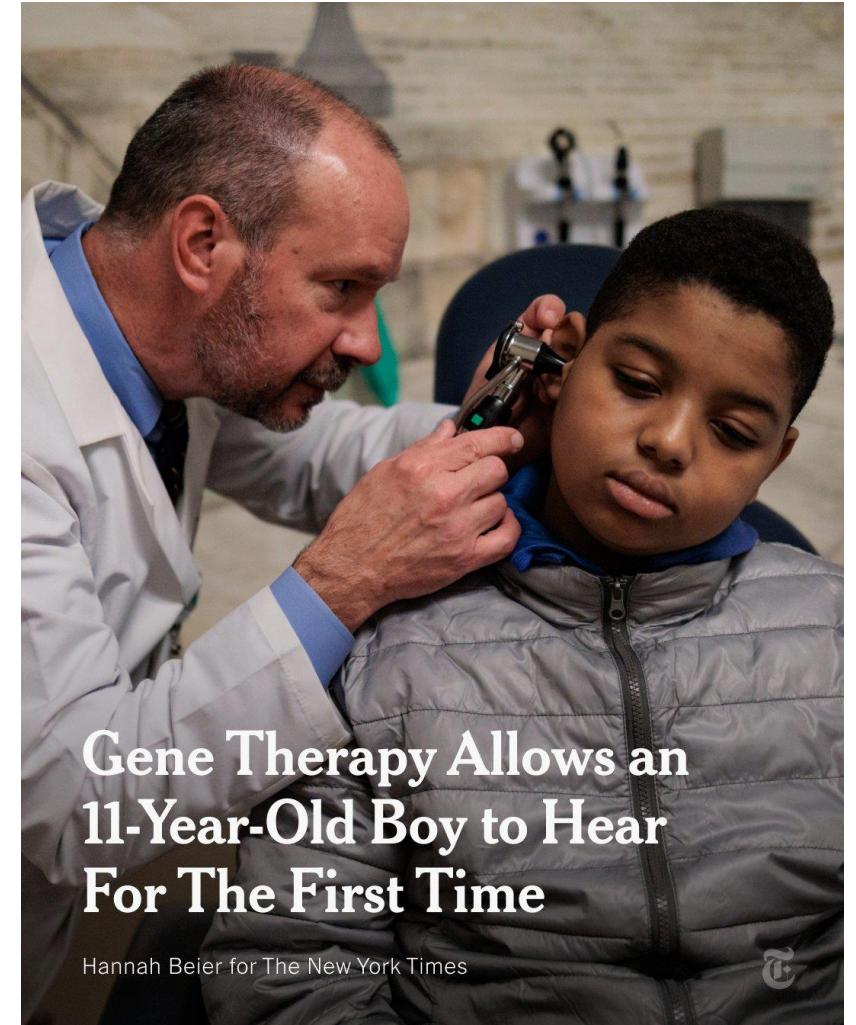
Ben Franklin  
Technology Partners  
*Southeastern Pennsylvania*



# Why PROPEL? Why now?

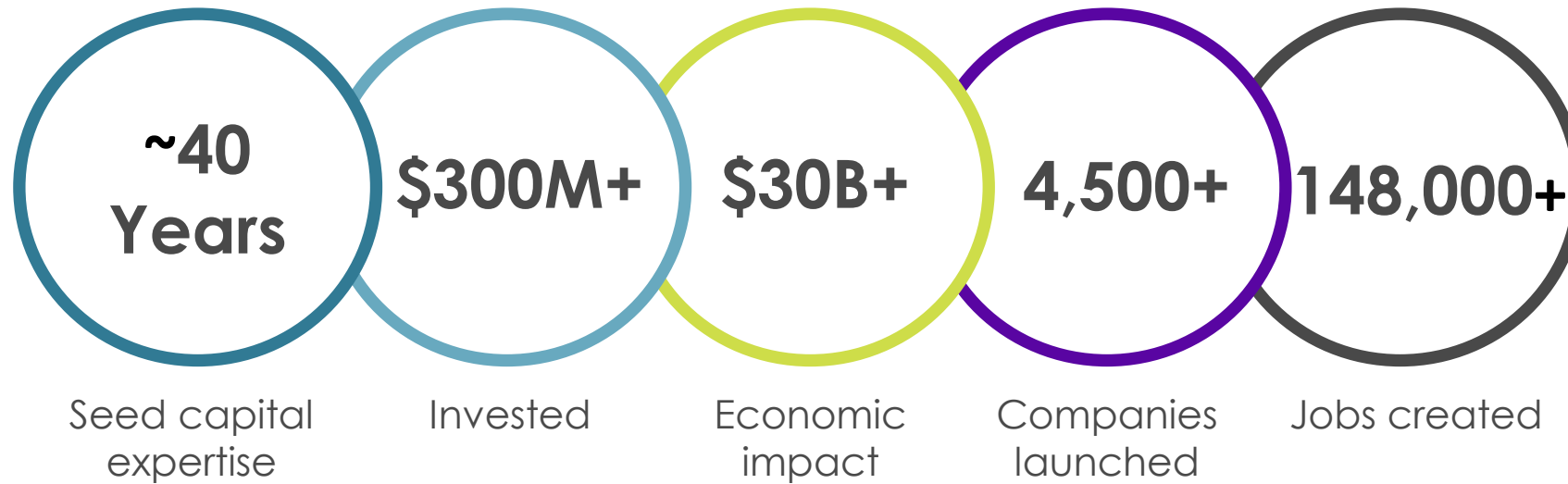
This January, Aissam Dam, an eleven-year-old boy, was the first person to receive gene therapy in the U.S. for congenital deafness from the [Children's Hospital of Philadelphia](#), allowing him to hear.

This groundbreaking story underscores Precision Medicine's transformative potential, aligning with **PROPEL's** mission to advance technologies that directly benefit communities and individuals while promoting regional health and equitable economic outcomes.





# Ben Franklin Network builds companies that drive outcomes to create **lasting impact**



**Annually ranked among the top ten most active investors in the US, per Pitchbook.**

**Every dollar invested into the Ben Franklin Network by the Commonwealth of Pennsylvania generates more than \$4 in State wage and tax revenue.\***

\*Source: The Economic Impact of Ben Franklin Technology Partners, by Econsult Solutions, Inc., April 2023



# PROPEL: The National Center for Precision Medicine

- Leads how we weave the region's Precision Medicine-related assets and stakeholders into a **uniquely integrated alliance** to catalyze the next generation of health interventions.
- Together, the alliance will:
  - mitigate manufacturing and commercialization barriers
  - inform policy agendas and regional advocacy efforts
  - meaningfully engage the community
  - pioneer novel approaches to attract and train a diverse workforce, and
  - implement strategies that ensure new interventions address health inequities and reach under-represented target populations.



# PROPEL's Five Components and Lead Partners

- **Workforce** - Philadelphia Works & Tech Council of Delaware
- **Entrepreneurship** - Delaware Innovation Space and Ben Franklin
- **Biomanufacturing** - University of Delaware/NIIMBL
- **Governance** - Ben Franklin
- **Access** - Healthshare Exchange, Drexel University, & Virtua Health



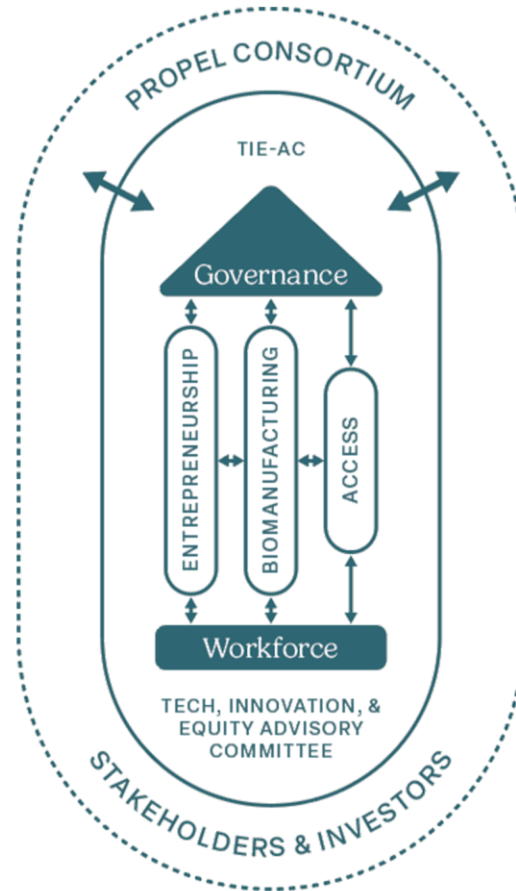
# PROPEL By The Numbers

- \$80,700,000 budget
- 70 committed partners and over 100 regional organizations
- \$9 million in cash match
  - \$5 million from the Commonwealth of PA
  - \$1 million from The City of Philadelphia
  - \$1 million from Delaware
  - \$2 million in private cash match
- More than \$50 million is expected to flow into Pennsylvania

# Jobs created and retained



Projecting 7,500 new, high-paying, sustainable jobs.



Over 5 years, translates to >20,000 total jobs.

Over 5 years, earnings of \$2B and over \$175M in taxes.

# Participants



**Lead Member and Project Leads** Ben Franklin Technology Partners of Southeastern PA | Drexel University | Delaware Innovation Space | Healthshare Exchange | Philadelphia Works | Healthshare Exchange | Tech Council of Delaware | University of Delaware/NIIMBL | Virtua Health

**Partners with Committed Matching Funds** Lead Member & Project Leads | City of Philadelphia | Commonwealth of Pennsylvania | State of Delaware | Knight Foundation

**Institutions of Higher Education** Cheyney University (HBCU) | Community College of Philadelphia | Delaware County Community College | Delaware State University (HBCU) | **Drexel University** | Lincoln University (HBCU) | Rowan University | Rutgers-Camden University | Temple University | Thomas Jefferson University | University of Pennsylvania

**State & Local Government** City of Philadelphia | City of Philadelphia Department of Commerce | Commonwealth of Pennsylvania | Delaware Division of Small Business | Economic Development Departments of Bucks, Chester, Delaware & Montgomery Counties | New Jersey Economic Development Agency | State of Delaware

**Industry or Firms in Relevant Technology, Innovation, or Manufacturing Sectors** 3.0 University Place | Amazon Web Services | B.Labs | BioLabs | BioNJ | Brandywine Realty Trust | Cambridge Innovation Center | Center for Breakthrough Medicine | Children's Hospital of Philadelphia | ChristianaCare Health | Delaware BioScience Association | EMSCO | Helaplex | Lifesciences PA | Independence Blue Cross | Jefferson Health System | Johnson&Johnson Innovation | Main Line Health | Mobilion | Nemours Children's Health | NextFab | PA Biotech Center | Partners for a Cure | Penn Medicine | Pennovation Center | PIER Clinical Trial Consortium | Spark/Roche | Temple Medicine | ThermoFisher | **Virtua Health** | Wexford Science & Technology

**Organizations Focused on Improving Science, Technology, Innovation, Entrepreneurship, or Access to Capital** Baruch S. Blumberg Institute | Christiana Gene Editing Institute | **Delaware Innovation Space** | **Healthshare Exchange** | Mentor Connect | NSF I-Corps (Northeast Hub) | PACT- Philadelphia Alliance for Capital and Technology | Wistar Institute

**Workforce Training Organizations** Jefferson Institute for Bioprocessing | **Philadelphia Works** | **Tech Council of Delaware** | Wistar Institute Biotechnology Training Program

**Economic Development Entities** Greater Philadelphia Chamber of Commerce | Delaware Prosperity Partnership | Philadelphia Industrial Development Corporation (PIDC) | University City Science Center

**Organizations Contributing to Increased Participation of Underrepresented Groups in STEM** Coded by Kids/1Philadelphia | STEM Equity Alliance | West Philadelphia STEM Academy | Zipcode Wilmington

**Venture Development Organization** **Ben Franklin Technology Partners of Southeastern PA**

**Manufacturing Extension Centers** DVIRC-Delaware Valley Industrial Resource Center | New Jersey Manufacturing Extension Program

**Manufacturing USA Institute** **University of Delaware/NIIMBL**





# Thank You

[partnerswithapurpose.org](https://partnerswithapurpose.org)