



Pittsburgh:

The Next AI-Biotech Superhub

THE BIOTECHNOLOGY BOARD, PITTSBURGH

Events by The Biotechnology Board



Pittsburgh Biotech 2023 Summit

AI & Healthcare Symposium 2024

AI and Women's Health - (October 2025)



AI and Women's Health Symposium at Magee-Womens Hospital -October 24th

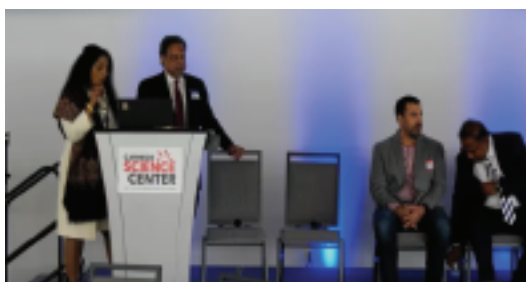
THE BIOBEAT PODCAST

<https://www.youtube.com/@thebiobeat-podcast>



Hosted by co-founder Kanak Iyer, BioBeat features candid conversations with scientists, founders, and policymakers who are shaping the biotech landscape in Western Pennsylvania. The podcast explores how AI, research, community impact intersect to fuel Pittsburgh's rise as a biotech powerhouse.

Susan Catalano, President, The Biotechnology Board and Kanak Iyer Ph.D, Vice President on the Biobeat podcast.



First Pittsburgh Biotechnology summit at Carnegie Science Center
Dr. Kanak Iyer introducing Interim Dean of Engineering
University of Pittsburgh Sanjeev Shroff and the Bioengineering panel

First AI And Healthcare symposium at School of Medicine auditorium
University of Pittsburgh Dr. Kanak Iyer with Dean Anantha Shekhar of
University of Pittsburgh Dr. Karen Feinstein of Jewish Healthcare
Foundation and Dean Krishnan of Heinz College of Information Systems
and Public Policy Carnegie Mellon University.



AI and Healthcare symposium Co-Chairs
Dr. Kanak Iyer and Dr. Rema Padman Trustees Professor of Management Science
and Healthcare Informatics in the Heinz College of Information Systems and Public
Policy at Carnegie Mellon University. She is also Thrust Leader of Healthcare
Informatics Research at iLab and Research Area Director for Operations and
Informatics at the Center for Health Analytics at the Heinz College, and Adjunct
Professor in the Department of Biomedical Informatics at the University of Pittsburgh



The Biotechnology Board's Role

Ecosystem builder: The Biotechnology Board operates at the crossroads of bioengineering, biomedicine, and business in Pittsburgh, helping to create a sustainable biotech ecosystem the biotechnology board

Industry-academia bridge: Led by experts like Dr. Susan Catalano, the Board unites leaders, entrepreneurs, and students—advancing translational research, drug development, and workforce growth

Conversation & collaboration platform: Through initiatives like the “Pittsburgh Biotech 2023 Summit” and The BioBeat podcast, the Board spotlights AI-healthcare convergence and inspires regional innovation

Pittsburgh is no longer just a former steel city—it's reinventing itself as a global center for AI-powered biotechnology. Following the recent Energy & Innovation Summit at Carnegie Mellon, the region is emerging as a strategic nexus where artificial intelligence meets biotech breakthroughs.

Why Pittsburgh?

Top-tier AI talent & research – Home to Carnegie Mellon University, a global leader in AI and robotics Homegrown startups like Abridge leverage this ecosystem to innovate in healthtech.

Massive infrastructure investments – Over \$90 billion in AI and energy investments announced for Pennsylvania, including data centers and next-gen power systems that can support next-level biotech processing .

Strategic energy backbone – Rich in natural gas, nuclear, hydroelectric, and high-capacity grids—ideal for power-intensive AI-bio work .



Pittsburgh:

Why AI + Biotech?

AI's computational horsepower is transforming drug discovery, genomics, and personalized medicine. By deploying scalable data centers right here in Pittsburgh, companies can accelerate everything from protein folding to diagnostics—with low latency, robust power, and local talent.

What's Happening Locally?

AI Strike Team unites civic, academic, and industry leaders to repurpose abandoned industrial sites (like Aliquippa's old steel mill) into energy-backed data hubs

Pittsburgh Robotics Network and InnovatePGH showcased regional AI strength at the pre-summit "AI Horizons" event—reinforcing the city's biotech readiness

Companies like Abridge, rooted in CMU AI, are already using local infrastructure to build the future of healthcare





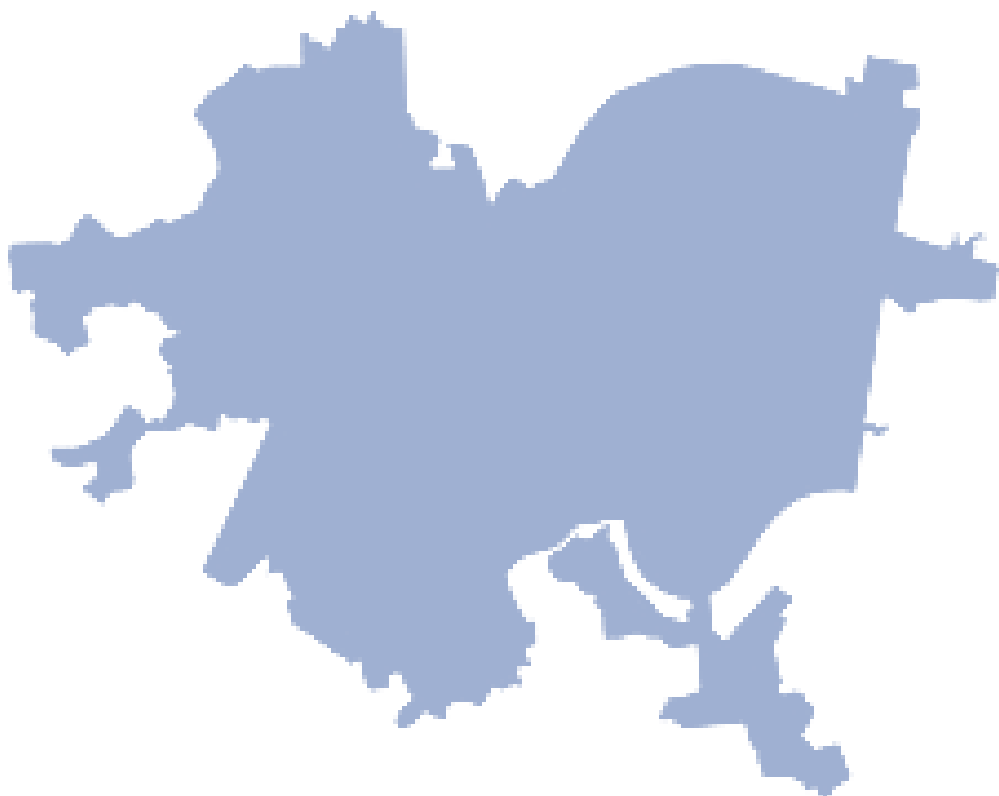
Pittsburgh: What's Next?

Pittsburgh is laying the groundwork for a legendary AI-biotech boom. If you're in AI & Biotechnology, life sciences, pharma or med-tech now is the time to:

- Establish local presence near emerging data-bio hubs.
- Partner with Pittsburgh Biotech Educators and AI-first startups.
- Invest in infrastructure—real estate, labs, edge data facilities.

Pittsburgh is poised to be the birthplace of the next biotech revolution, powered by its AI infrastructure and energy strategy.

Let's help write that future.



THE BIOTECHNOLOGY BOARD

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