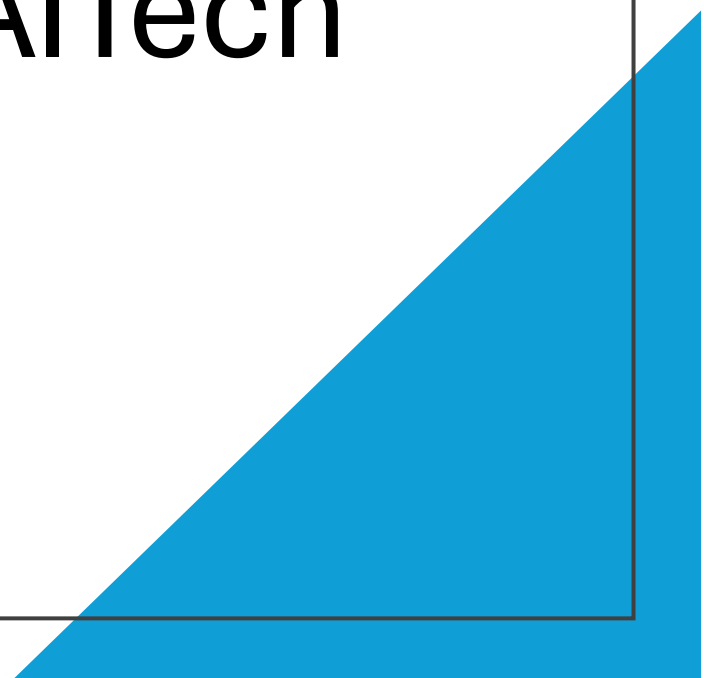
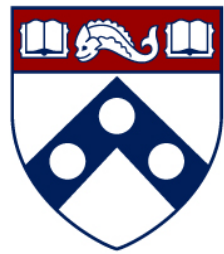


# Reflections on Promoting Industry/Academic Collaborations: the PennAlTech Perspective

George Demiris PhD, FACMI  
University of Pennsylvania





**Penn**  
UNIVERSITY of PENNSYLVANIA

Artificial Intelligence and  
Technology Collaboratory  
for Healthy Aging

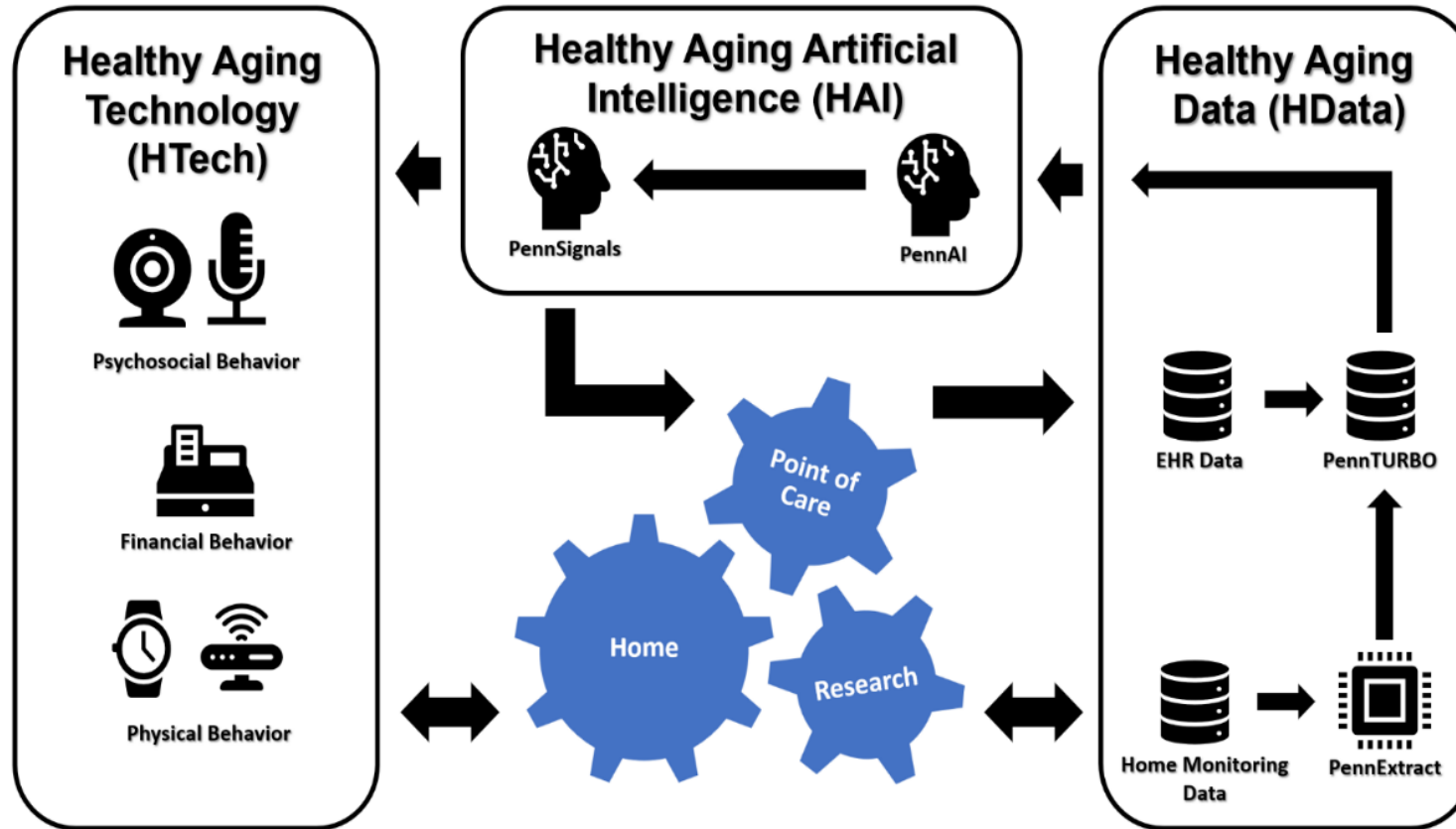
<https://www.pennaitech.org>

funded by the National Institute on Aging Grant Nr. P30AG073105



**PennAITech**

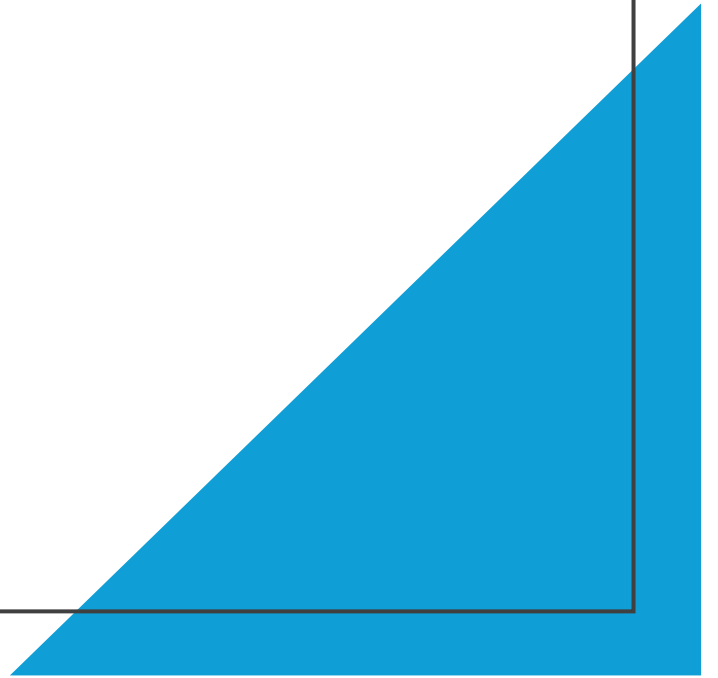
Technology → Home → Structured Data → Data Integration → AI → Point of Care



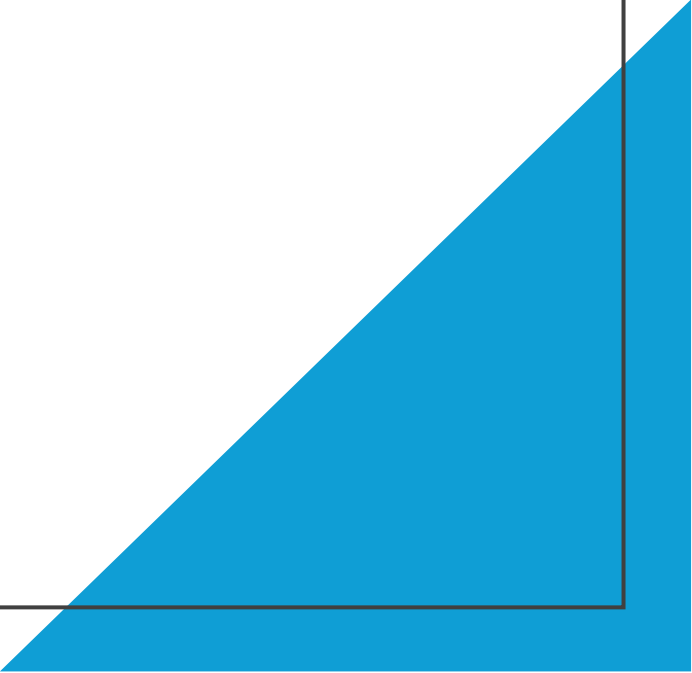
- National pilot competition program
- Each year approx. 10-15 pilot projects are funded
- Support provided through core units
  - Aging and ADRD Cores
  - Administrative Core
  - Stakeholder Engagement Core
  - Clinical Validation Core
  - Networking Core
  - Technology Selection and Validation Core
  - Ethics and Policy Core

# Themes

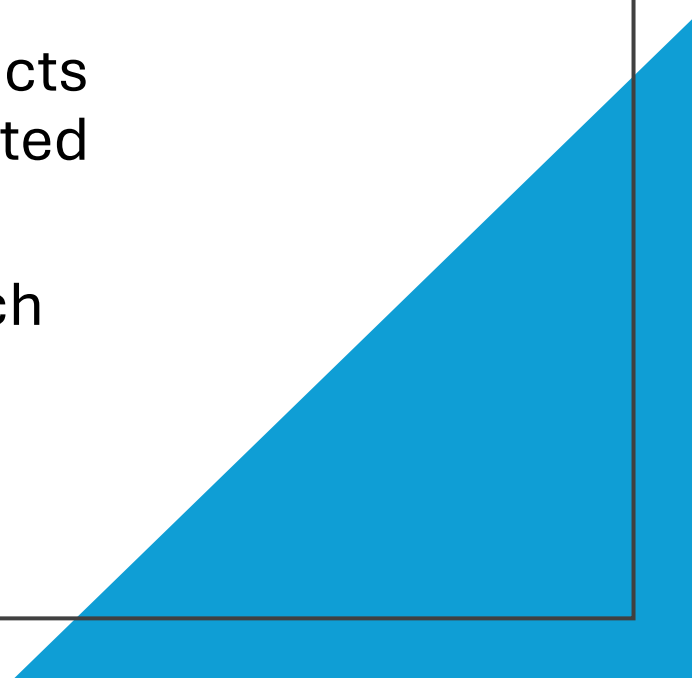
- Diagnostic Assistance/ Decision Support
- Personalized Medicine
- Remote Monitoring and Telemedicine
- Patient Risk Identification
- Administrative Workflow Assistance
- Mental Health Support



# Academic –Industry Collaboration: Opportunities

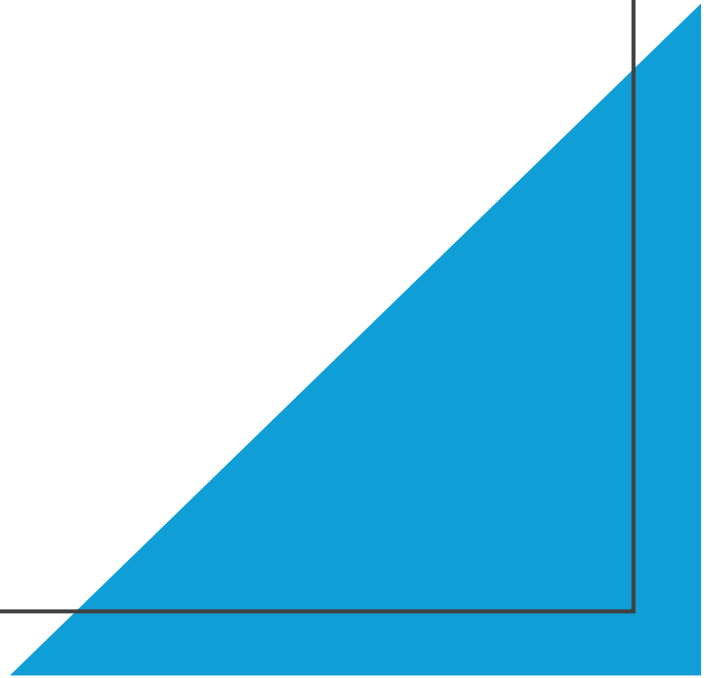
- Translational Innovation-Combining academic rigor with industry agility
  - Access to Resources
  - Scalability and Dissemination
  - Real-World Implementation
  - Mutual Learning
- 

# Challenges

- Data Governance
  - Equity and Access Risks-Risk of commercial AI products reinforcing digital ageism or excluding underrepresented older adults due to market-driven design.
  - Academic Independence (e.g., concerns over research integrity, publication rights)
  - Regulatory Complexity (e.g., navigating IRB, DUA, IP)
- 

# Strategies

- Establish Shared Governance Models
- Develop Joint Research Frameworks
- Create Translational Pathways
- Invest in Mutual Capacity Building
- Ensure Transparent Communication
- Leverage Policy and Funding Incentives
- Measure Impact Holistically



# Contact



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