

# A View From the Heartland

**One Health Commission Summit**

November 17, 2009

National Academy of the Sciences

Washington, DC



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# A View From the Heartland

Kansas Established a Bioscience Initiative in 2004

\$581 Million Fund

Focus Areas:

Research & Development

Commercialization

Expansion & Attraction



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# Results to Date

## Investments

\$22M R&D

\$40M Commercialization

\$10.5M Expansion & Attraction

## Outcomes Realized

\$93M Capital Expenditures

\$37M Academic Research

\$11M Capital Investment



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# Industrial and Research Expertise

Animal Health

Bioenergy

Biomaterials

Drug & Device Development and Delivery

Plant Biology



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# Asserting Leadership

- 1) Protecting the American Food Supply and Agriculture Economy
- 2) Eminent Scholars to Support Industrial Cluster Development
- 3) Centers of Innovation Led by Industry



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# One Health Convergence

- Drug Development

- Partnerships between Animal Health Drug and Vaccine development companies with Human Health Drug and Vaccine development companies to co-invest in early stage commercialization, thereby reducing the cost of R&D

- Vaccine Development

- Partnerships between Animal Health Corridor companies and researchers and researchers outside the state to accelerate new vaccine commercialization

- Nutrition and Prevention

- Leveraging Hill's Pet Nutrition's Animal Health research to investigate the impact of Nutrigenomics on diseases such as cancer and arthritis in human subjects



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