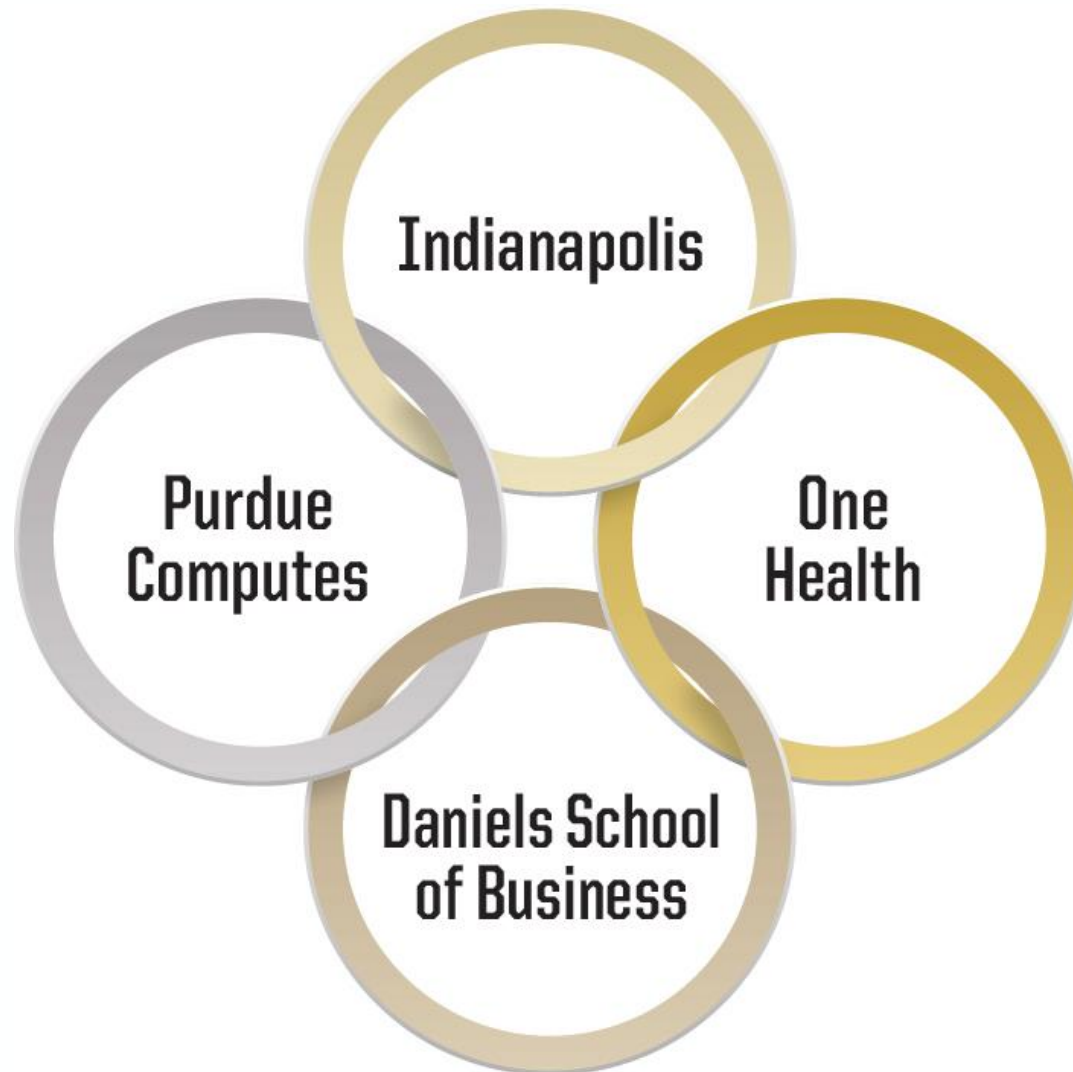


# *Board of Trustees Meeting*

June 7, 2024



# *Four Universitywide Initiatives*



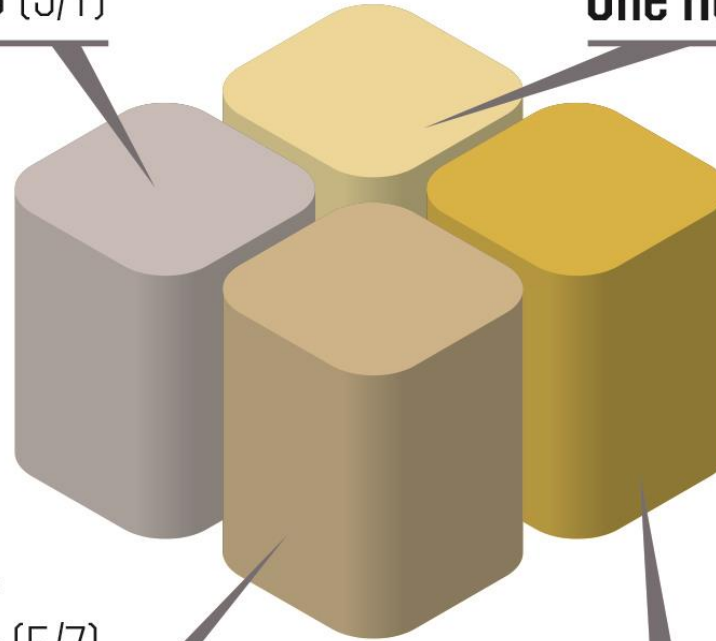
## PILLARS OF ONE HEALTH

**Health Academic Affairs (5/7)**

**One Health Innovation District (5/23)**

**Life Science/Chem+  
Research Facility Study (5/7)**

**Eli Lilly Partnership (5/24)**



# Office of the Vice President for Health Affairs

- Work with units to approach strategic faculty hiring:
  - Artificial intelligence in drug discovery
  - Microbiome/computational genomics (One Health Innovation District — Elanco site in Indianapolis)
  - Health care access (rural and urban)
  - Advanced genetics (epigenetics, ribozymes, etc.)
- Align our health and life science undergraduate, graduate and professional programs in a way that finds synergies, including strategic program growth at West Lafayette and Indianapolis.
- Take advantage of Purdue for Life's alignment of the health and life sciences to catalyze overall philanthropic support for health and life sciences programs.
- Partner with the Office of Research to:
  - Catalyze health and life science research to drive innovation, entrepreneurship and greater federal funding.
  - Expand research facilities.
  - Provide a home for cross-disciplinary programs such as Health Equity Initiatives and increase activity with institutes in Discovery Park.
  - Strengthen connections between health and life science programs with both industry and clinical partners, locally and in the Indianapolis area. This could include robust partnerships with the health science industry, health care clinics and hospitals, and involve research collaborations as well as student training opportunities.
  - Engage with IU Health in the build-out of their planned "Health District" north of the new IU Health hospital currently under construction.

# ***Life Science/Chem+ Research Facility Study***

**An active study focusing on the physical facilities that support life sciences research into human health. We will identify and enhance highly productive chemical sciences research areas.**

**Administrative Operations led the study for the Office of Research and the Office of the Provost, focusing on:**

- Increasing research opportunities in life sciences**
- Renovating and building facilities to meet emerging needs consistent with campus master plan**
- Interdisciplinary culture**
- Resilient research labs**
- Efficient use of space**
- Aging inventory and infrastructure**



# ***One Health Innovation District***

**Create a future that improves animal, plant, environmental and human health while positively impacting Indiana's economy**

**Purdue is partnering with Elanco in Indianapolis to build an innovation ecosystem that includes:**

- **laboratory space for R&D**
- **incubator space for startup companies**
- **co-located expertise of Purdue, multinational corporations and entrepreneurs**





# ***Growing the Lilly-Purdue Partnership***

## **Lilly Scholars at Purdue offers:**

- Full tuition scholarships
- Mentoring
- Internships
- Certificate in Pharmaceutical Manufacturing

## **Strategic research program in:**

- Genetic medicine, intrathecal delivery and nanoparticle drug delivery

## **New investment: Training facility in the LEAP District in Lebanon**

- Key partnership with the William D. and Sherry L. Young Advanced Manufacturing of Pharmaceuticals Institute



NIBRT - National Institute for Bioprocessing  
Research and Training

*Thank You*

