

**Strategic  
Investments in  
Research**

**September 15,  
2022**



# Enable Discoveries that Enrich and Improve Lives

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“As a major research university, we are committed to pursuing the truth, wherever it might lead. . .

In order to lead in research, we must improve our research infrastructure, make it easier for faculty to work together, and focus particular attention on addressing some of the world’s most critical challenges.”

*- A Great and Good University  
The 2030 Plan*



# Five Strategic Research Themes



# Grand Challenges 2022-23

## Precision Medicine/Health Digital Technology and Society

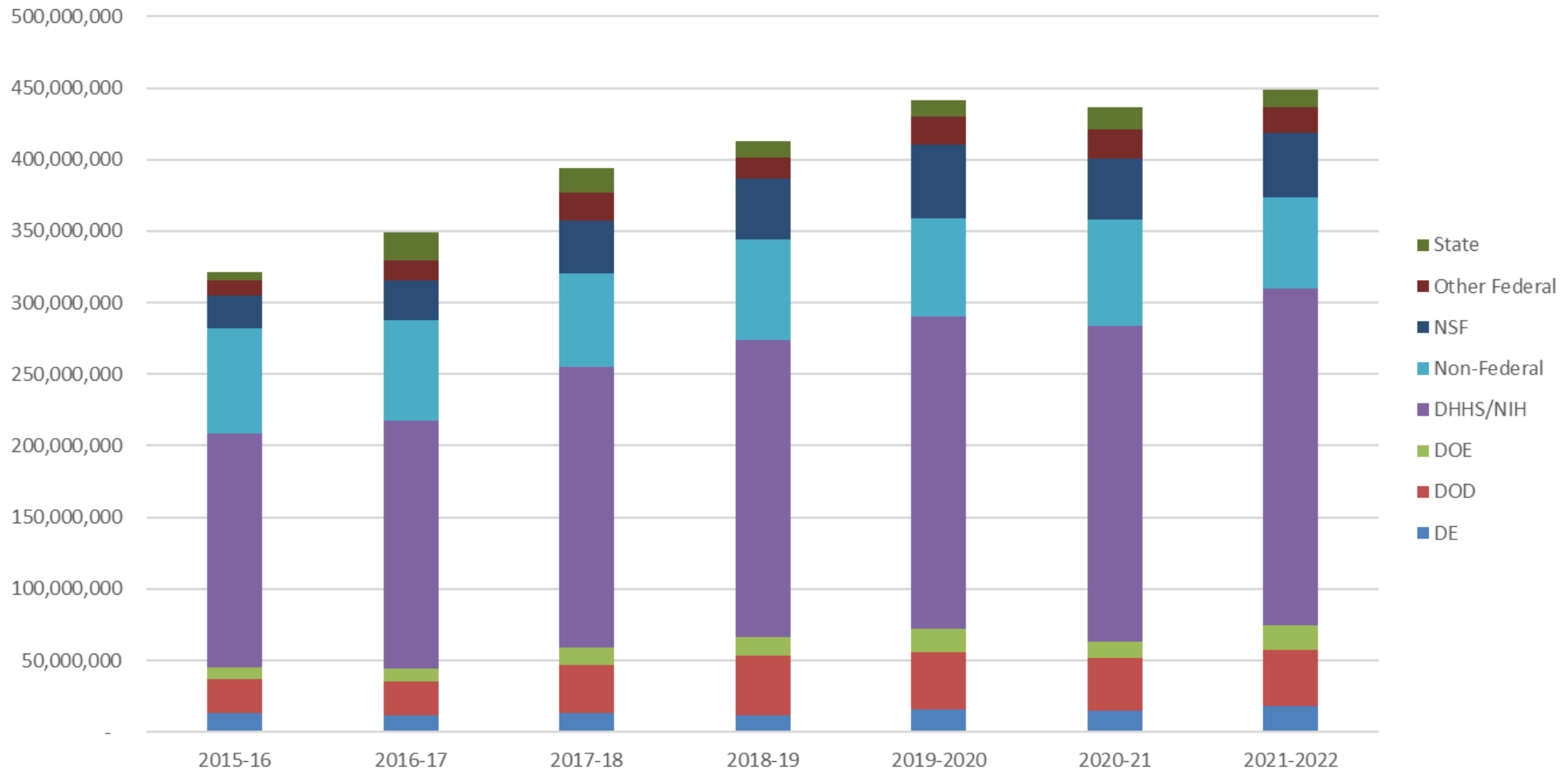
**Phase 1: Focus the Topic Areas** *(Aug/Sept)*

**Phase 2: Refine the Topic Areas** *(Fall Semester)*

**Phase 3: Determine Investments** *(Spring Semester)*

# Extramural Funding Growth

Sponsored Research Awards FY2016-22

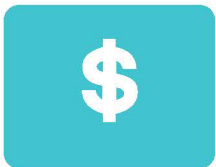


# Strategic Research Infrastructure: Charting a Path Forward

## INVESTMENTS FOR...

### EXTERNAL FUNDING

Investing to attract  
funding from  
external entities



### DISCOVERY

Investing in people,  
facilities,  
equipment,  
computing and  
library support



### TRANSLATION

Investing in translating  
ideas into practical  
solutions: treatments,  
technologies, policies  
and practice



# Infrastructure for External Funding

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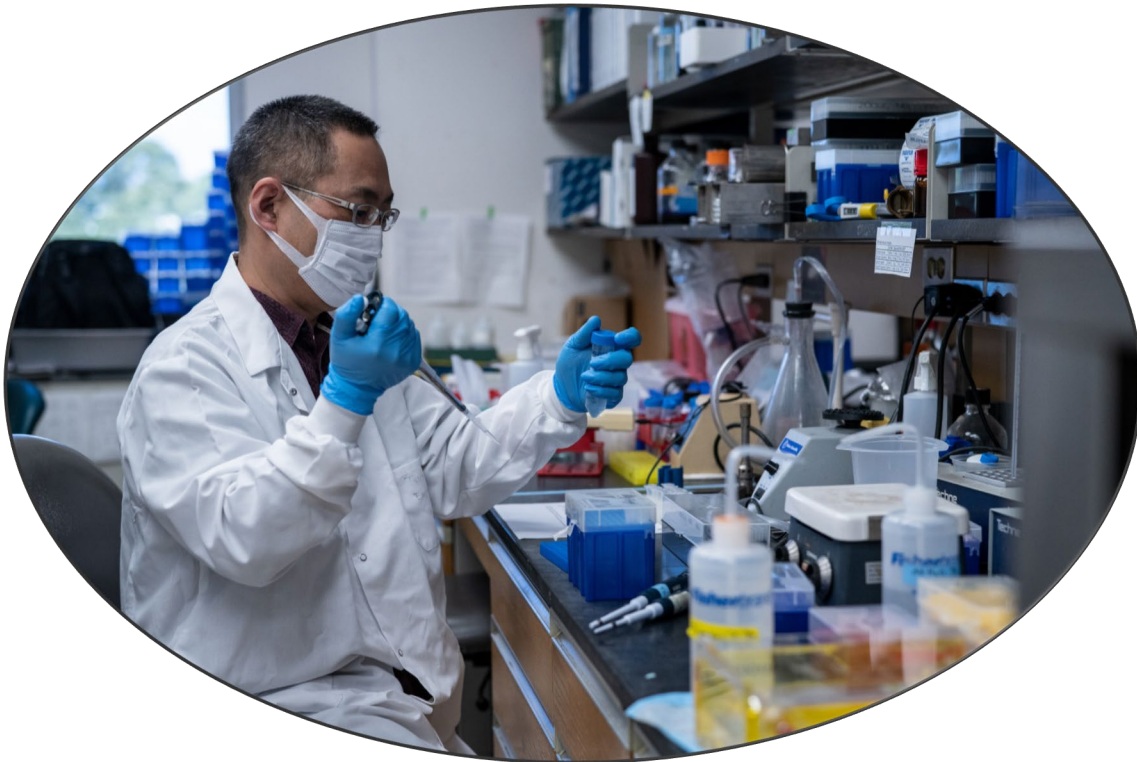
## Leveraging Opportunities for Funding Streams

- **Research Development (Grants)**
- **Foundation & Corporate Sponsors**
- **Advancement/Philanthropy**



# Infrastructure for Discovery

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## Building a Foundation for Research Success

- **Faculty Hires**
- **Graduate Students/Post-Docs**
- **Equipment & Cores**
- **Advanced Research Computing & Analytics**
- **Space/Facilities**





# Infrastructure for Discovery



## Enabling faculty research: the role of Ph.D. students



# Infrastructure for Impact

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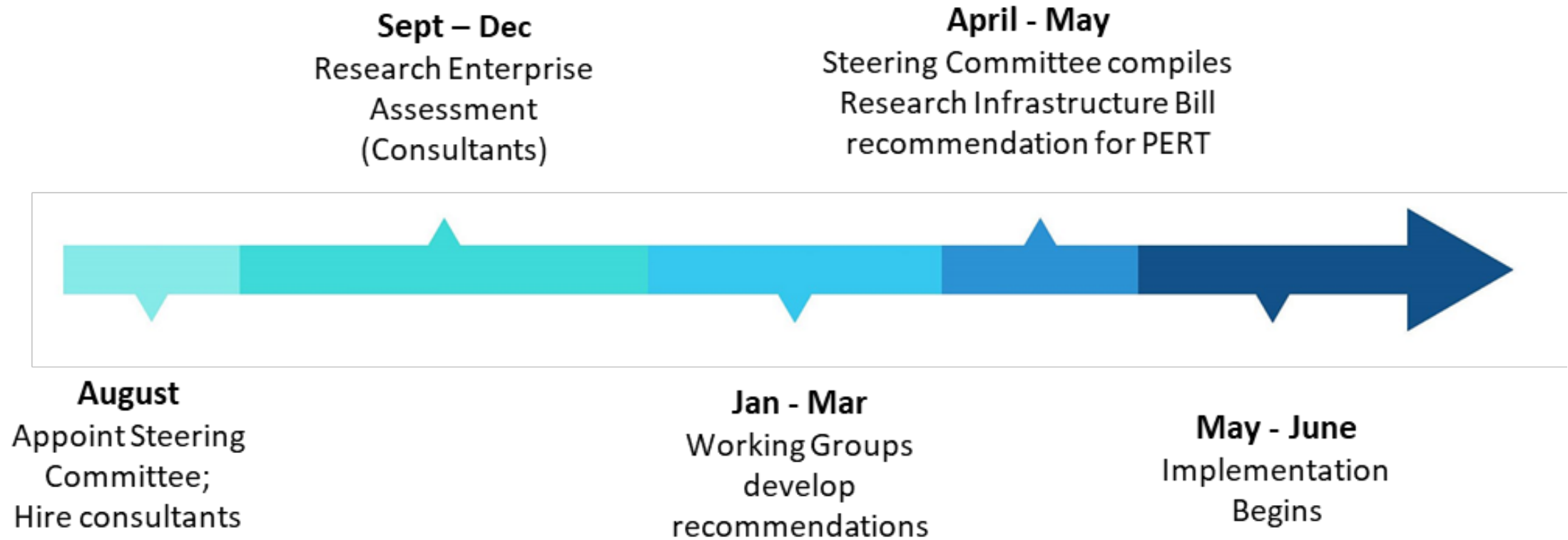


## Translating Ideas Into Action

- **Clinical Trials**
- **Entrepreneurship and Licensing**
- **Partnering with lawmakers, NGOs, and communities on solutions**
- **Communicating our discoveries**



# Strategic Research Infrastructure Initiative: Timeline



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# Closing Thoughts

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