

Faculty Virtual Town Hall

Elizabeth G. Lobo, Ph.D.

Provost and Vice President for Academic Affairs

Jim Quick, Ph.D. Associate Provost for Research

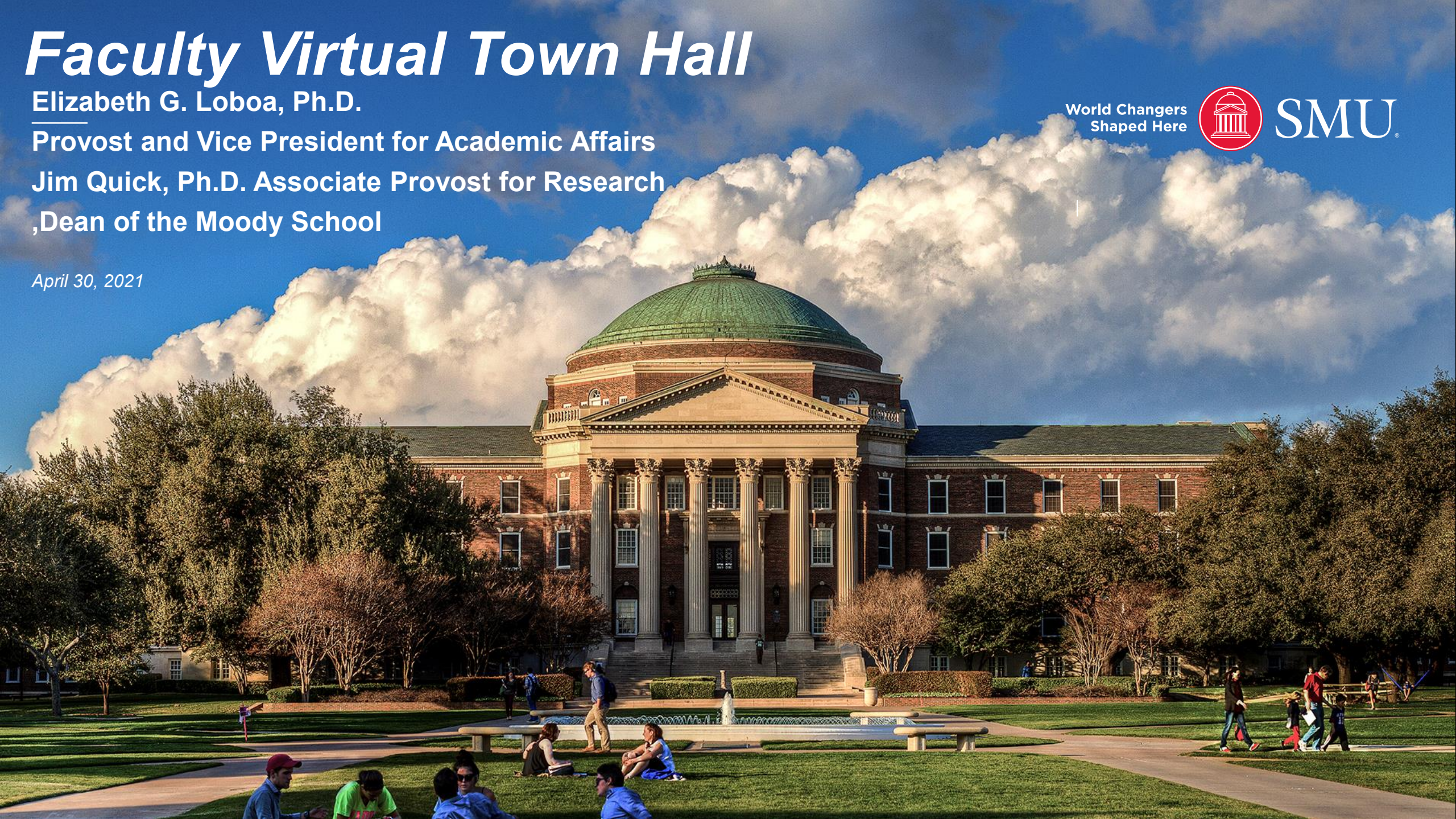
, Dean of the Moody School

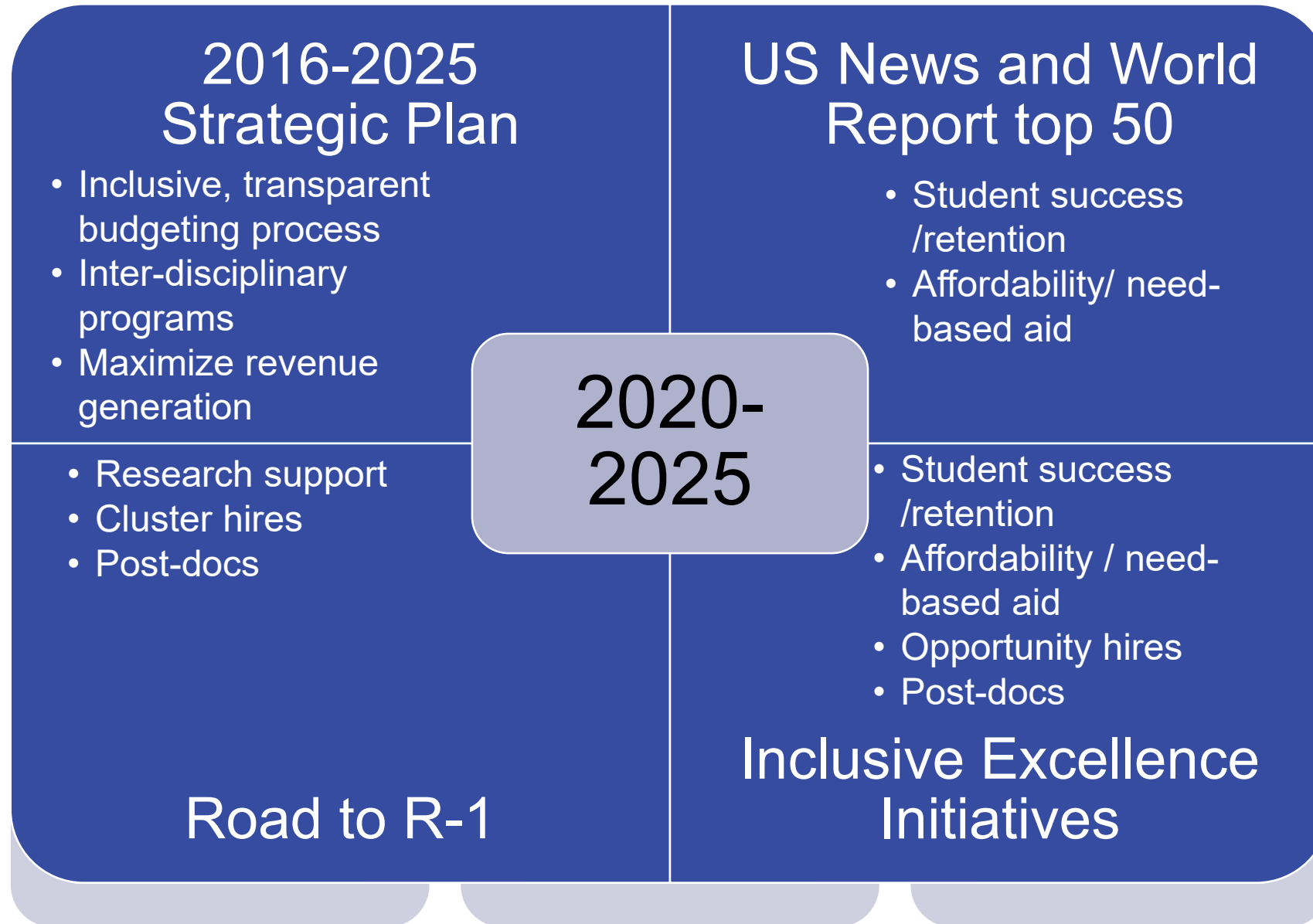
April 30, 2021

World Changers
Shaped Here



SMU



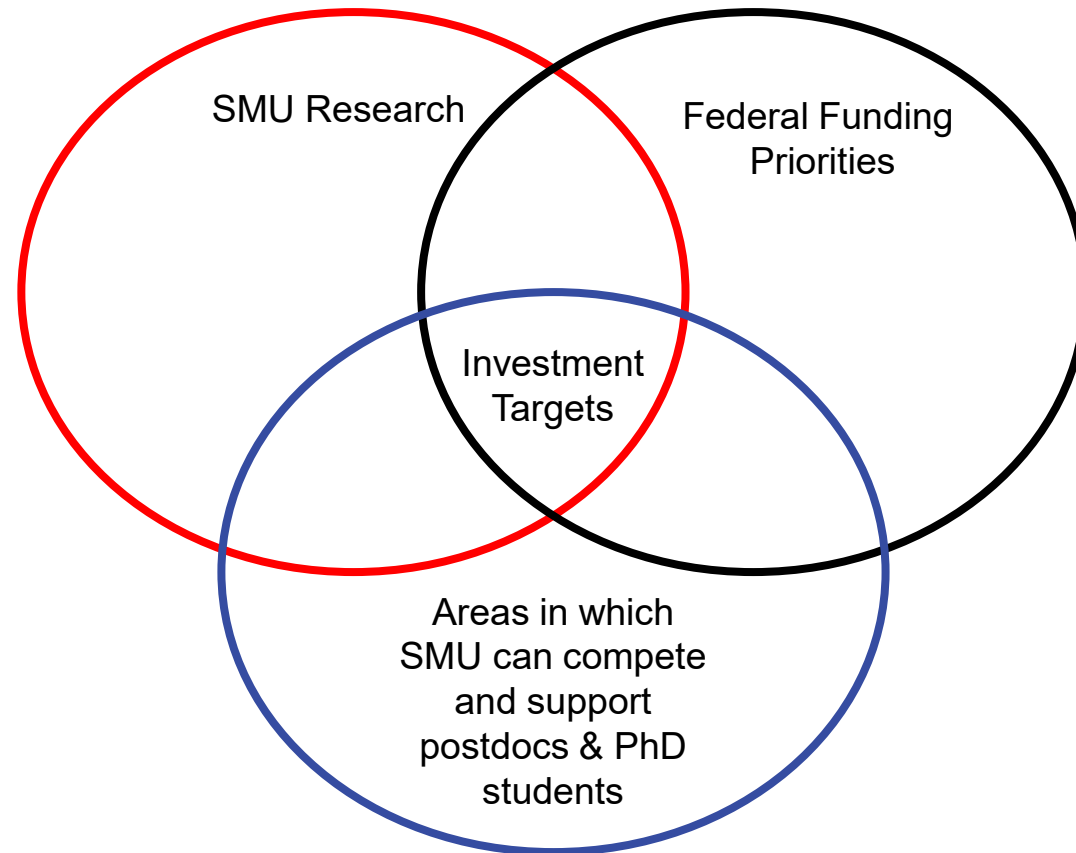


Draft Timeline: Academic priorities for the next 3-5 years

Area	Year One (2020 – 2021)	Year Two (2021 – 2022)	Year Three (2022 – 2023)	Year Four (2023 – 2024)	Year Five (2024-2025)
Strategic Plan	Budget Process/Revenue				
	*Collaboration	*College/School models	*Online/Digital Ed		
	Centers/Institutes				
		*National search, Directors			
US News & World Report	Enrollment Management				
		*Enhanced recruiting		*Need-based aid	
	SMU in Four				
BUF Action Plan	Workload Policies	Postdocs			*Need-based aid
Road to R-1	3-5 Initial cluster hires with R-1 focus				
	*Discuss priority areas	*Recruiting		*Onboarding	



Faculty input is needed to identify investment targets for the Road to R1 that will create research efforts that compete nationally for significant and sustainable external funding, and that will support postdoctoral researchers and PhD students.



Enabling Technology

Areas of Problem-Driven

Research & Creative Excellence

Impact / Research to Practice / Productivity

Criminal Justice Reform
Crime & Violence
Ethics
Education
City Data
Rural Criminal Justice
Access to Justice

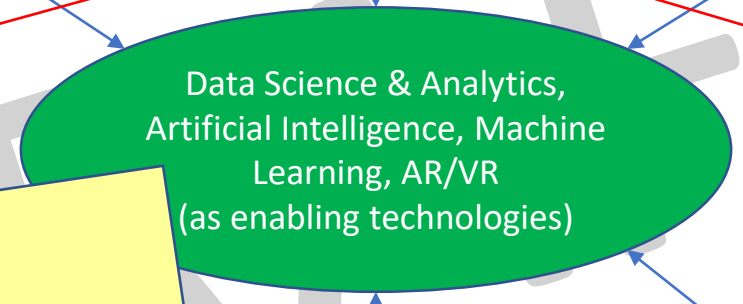
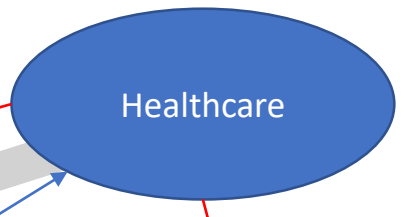
Health Disparities
Management
Obesity & Disease
GIS
Wellness
Advertising
Public Health
FDA Reg
Tech Reg

Social Good
Citizenship
Lifelong
Learning
Ethics

Product
Processes
New Tech
Creativity
Commercialization
Social E-Ship

Impact on Education
Energy Management
Disaster Relief
Inequities
Smart Grid
Food Deserts
Sustainability
Alternative Energy

Bush Inst. Initiative
Commercialization
Manufacturing
Policy
Traffic
Migration
Education
Arts
Infrastructure Deserts



To Do:

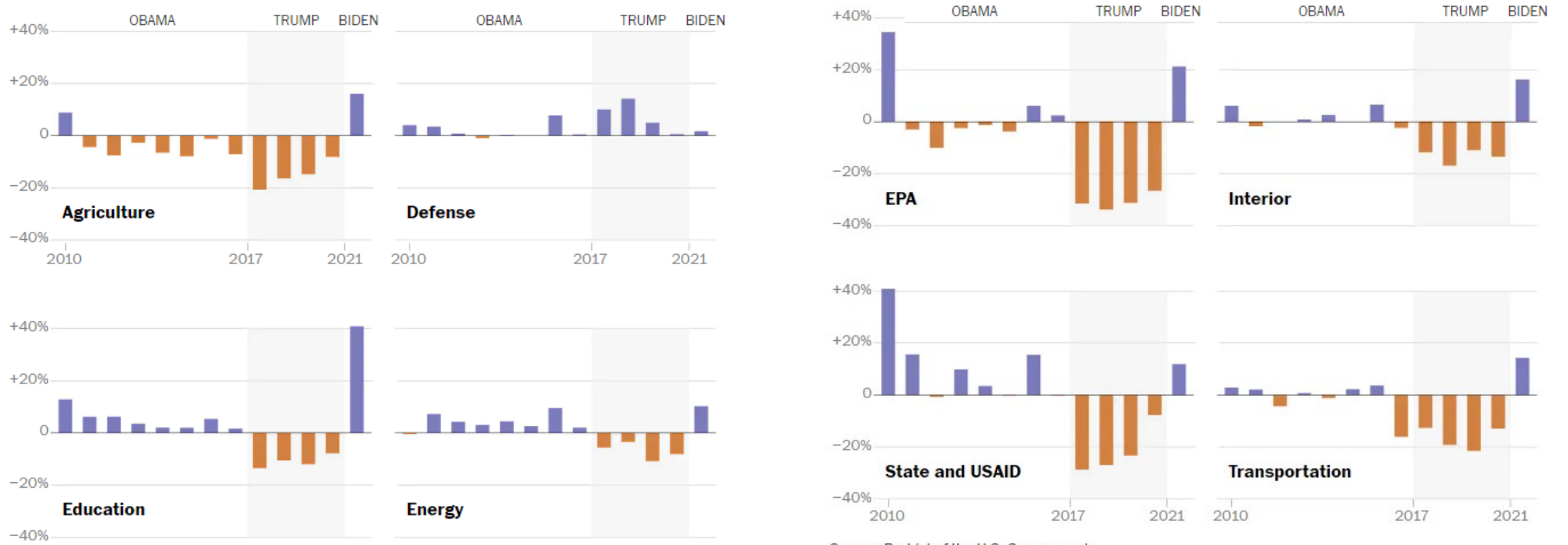
- Populate Research Funding Prospects
- Align with curricular needs
- Engage for widespread Faculty Buy-in



Music Therapy
STE(A)M Education (Music & Arts)
Bilingual ELL / Special Ed
Human Centered Design
User Experience
Social Justice / Ethics / Citizenship

Economic Development
Workforce Readiness (inc AI)
Pathways (ISD-CC-HigherEd)
Personalized Education
Family Law / Criminal Justice Reform/ Ed in Criminal Justice

Proposed Changes in the Past 13 Presidential Budgets



Source: Budget of the U.S. Government

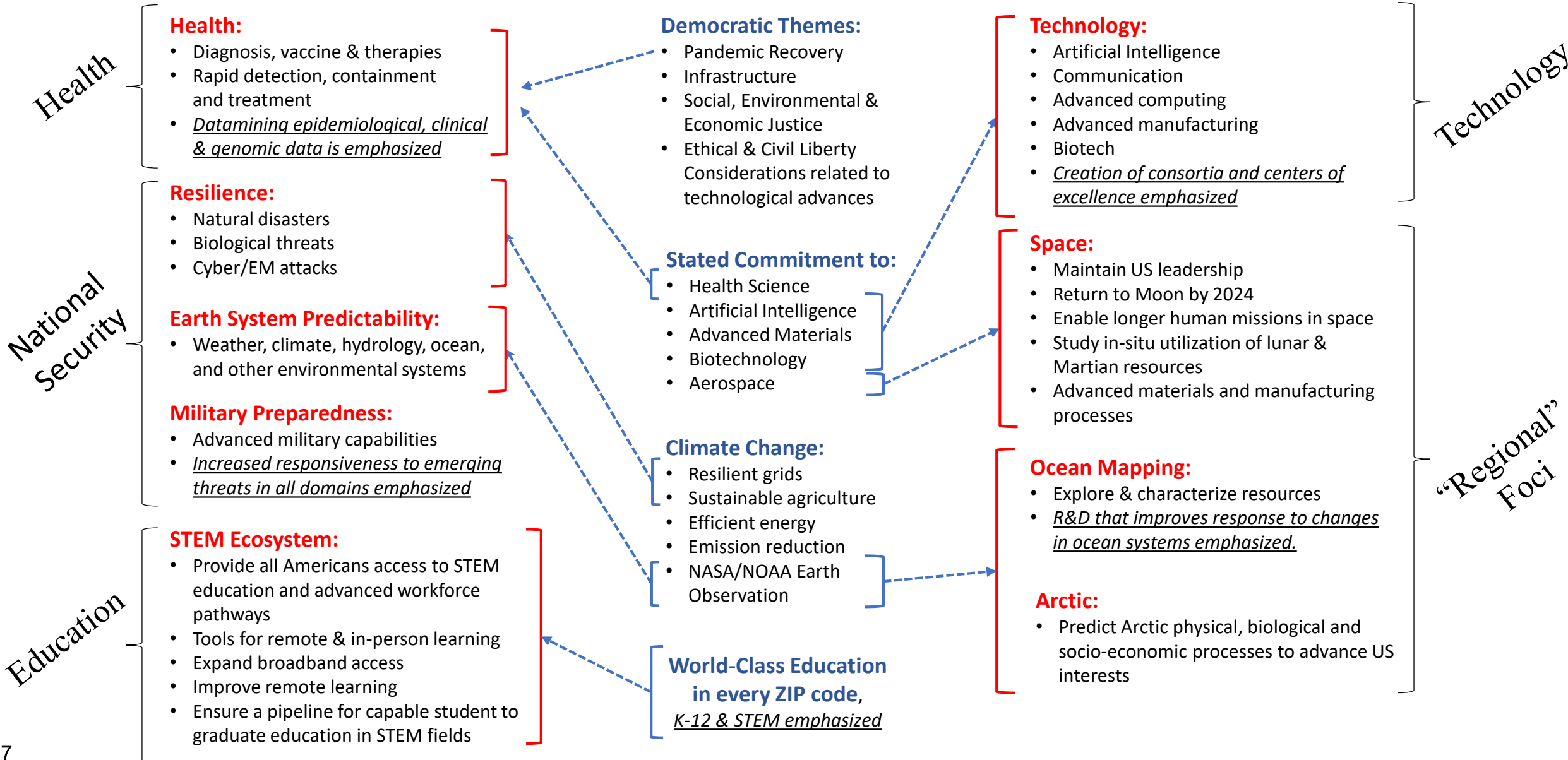


2020 Federal R&D Priorities

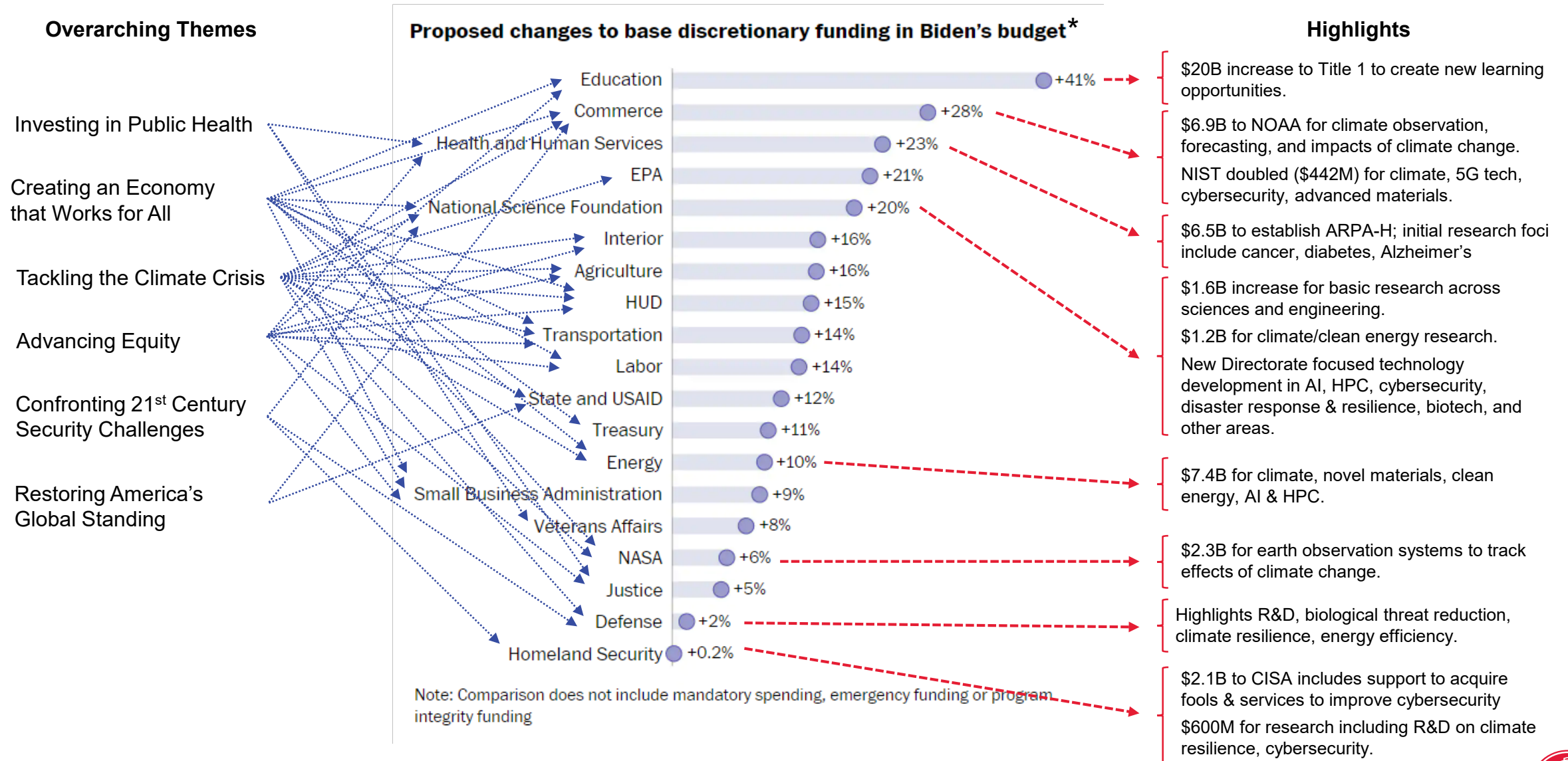
www.whitehouse.gov/wp-content/uploads/2020/08/M-20-29.pdf

Democratic Platform R&D Priorities

https://democrats.org/where-we-stand/party-platform/



Selecting Priority Areas for the Road to R1



* www.whitehouse.gov/wp-content/uploads/2021/04/FY2022-Discretionary-Request.pdf

Graph from Washington Post: www.washingtonpost.com/politics/interactive/2021/biden-2022-budget-department-breakdown/



Based on OMB/OSTP R&D priorities overlaid with the democratic platform and considered in light of SMU research strengths, the following major areas emerge for consideration for research investment.

- 1. National Security:** resilience, earth-system predictability and climate, military preparedness
- 2. Education:** STEM ecosystem & world-class education in every zip code
- 3. Technology:** application of Data Science, AI, ML, HPC to health, national security, education, economic development