

## **Second Draft: A Plan for a New Horizon 2012-2018**

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### **The Structure of the Plan**

- Four structuring challenges
- Three sections to address the four structuring challenges
- Potential strategies

## Structuring Challenges

- **The implications of global interdependence**
  - Our goal is to increase the number of our programs recognized as among the best internationally. To accomplish this goal, we must continue to recruit excellent faculty and staff; be highly selective in choosing foreign universities and organizations for partnerships; and enter into international competitions to test our strengths and competitiveness in a global context.

## Structuring Challenges

- **The needs and challenges of a data-driven society**
  - Our goal is to ensure competency in data analysis and computational methods as a component of general education for all students and to continue to invest in developing an appropriate infrastructure for e-learning and high-performance computing.

## Structuring Challenges

- **Security, Resilience, Health, and Sustainability**
  - Our goal is to establish a distinctive and globally-recognized profile of research and scholarship by building on our existing strengths (for example in bioinformatics, nanotechnology, neuroscience, polymers, transportation, and robotics) and by investing in our emerging strengths in security, resilience, health and sustainability.

## Structuring Challenges

- **Ensuring Quality, Innovation, and Results**
  - Our goal is to ensure 'quality, innovation, and results' by reviewing our current business practices for opportunities to optimize efficiency, flexibility, and accountability without sacrificing our ability to remain innovative and competitive.

## Research and Innovation

- Translational research
- The 'networked university'
- Pathways to interdisciplinary success

## The Life of the Mind

- Inspiring creativity, curiosity, and critical thinking
- A new vision for undergraduate general education
- E-learning and distance learning

## The Virginia Tech experience

- Quality of life initiatives
- Veteran-friendly commitment
- Climate Action Commitment and Sustainability
- Inclusive excellence

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**Thank you!**