

# Education in the Era of Consequence:

The Partnership Imperative for the  
University of Illinois and the Chicago Public Schools

THE  
CHICAGO  
COMMUNITY  
TRUST

AND AFFILIATES

Terry Mazany  
Presentation to the  
University of Illinois Board of Trustees  
January 20, 2011

CHICAGO  
PUBLIC  
SCHOOLS

CPS

# The “Era of Consequences”





# Shaping the Future

## Five transformative trends will shape the environment for business over the next decade

### The Great Rebalancing

- Emerging markets gaining larger share of global GDP
- Growth of a multipolar global economy



### The Productivity Imperative

- Economic growth in developed economies increasingly dependent on productivity gains
- Insufficient supply of highly trained talent for rising global demand



### The Global Grid

- Increasing interconnection of markets, trade, and technology



### Pricing the Planet

- Significant increase in resource demand as emerging markets surge
- Growing environmental pressures on business and society

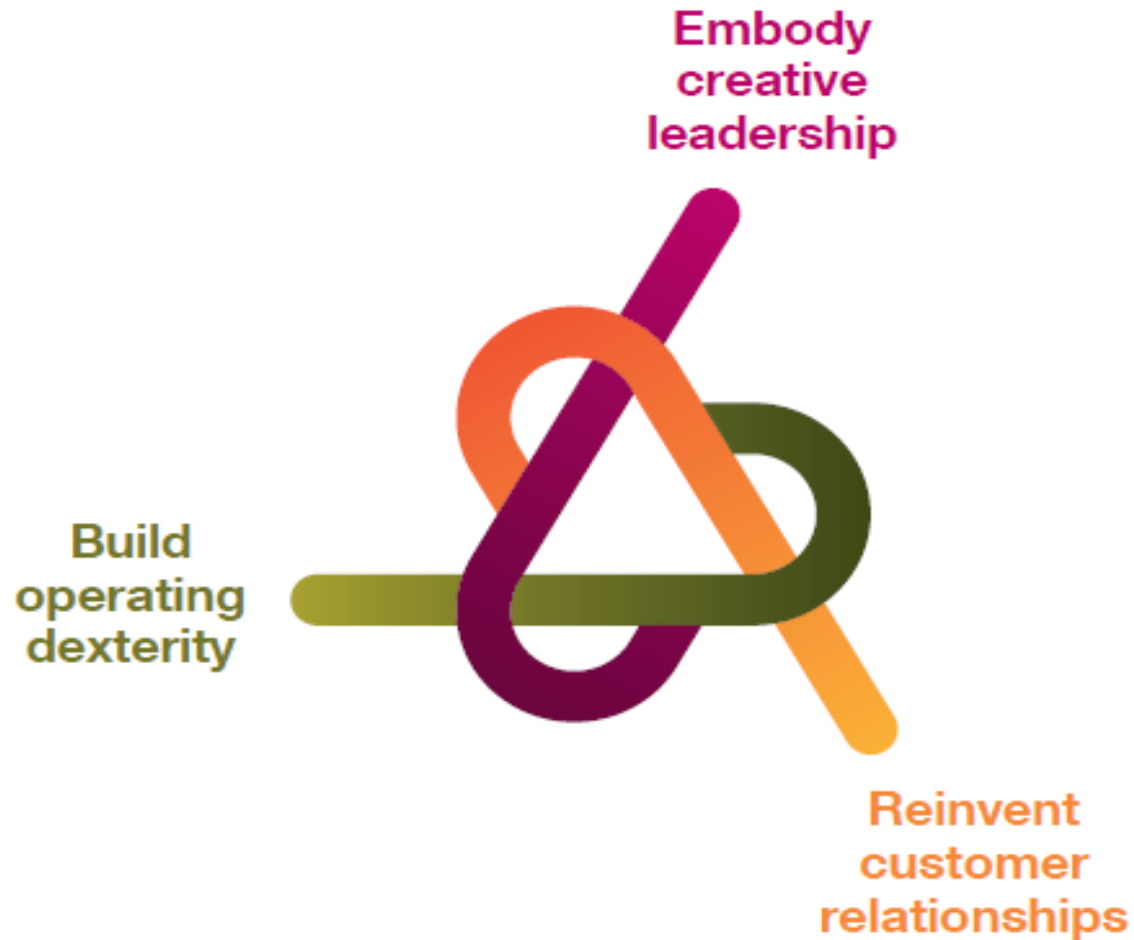


### The Market State

- Growing need of states to compete for economic growth and innovation
- Competition to attract business activity



# Capitalizing on Complexity





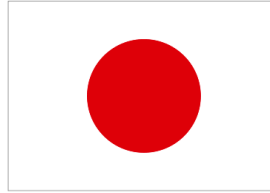
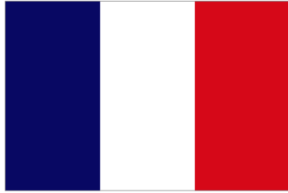
# Sustainability Paradigm



# The G7 Countries



# The G20 Countries





# BRIC: Brazil, Russia, India, China



# China and India

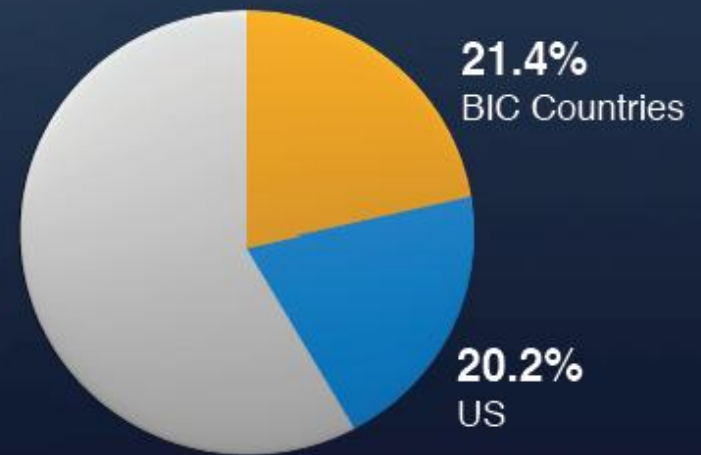


# Brazil



Source: International Monetary Fund, World Economic Outlook Database, April 2010

## Global GDP



2010

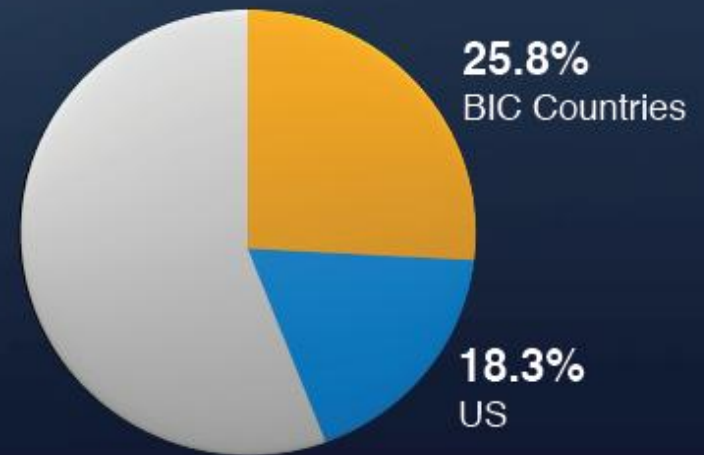


# Global GDP Projection



Source: International Monetary Fund, World Economic Outlook Database, April 2010

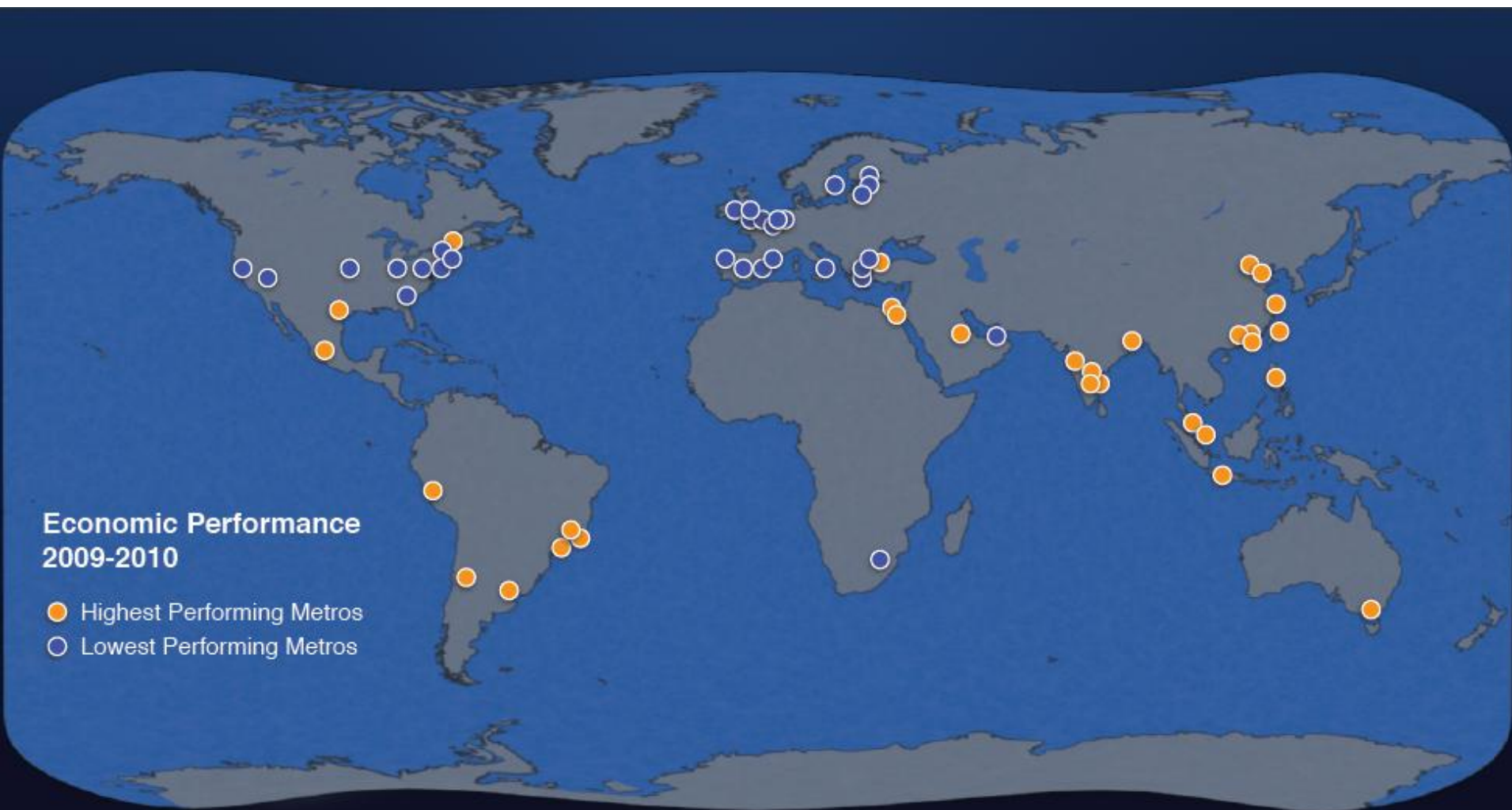
## Global GDP



2015

Source: Metropolitan Policy Program at the Brookings Institute

# The Competition



Source: Brookings/LSE, Global MetroMonitor, December 2010

# The Next Economy







## DELIVERING THE NEXT ECONOMY From Macro Vision to Metro Action

# High Tech Economy





# Green Economy





# Digital Economy



# Smart Economy



Self-Driving Vehicles



Smart Homes



Remote Health Care

*Photos: The New York Times, Microsoft*



# Employment Engines



**2.2 million**  
green jobs

*Source: Forthcoming research from Brookings and Battelle*

# Losing Our Competitive Edge



Source: National Science Foundation

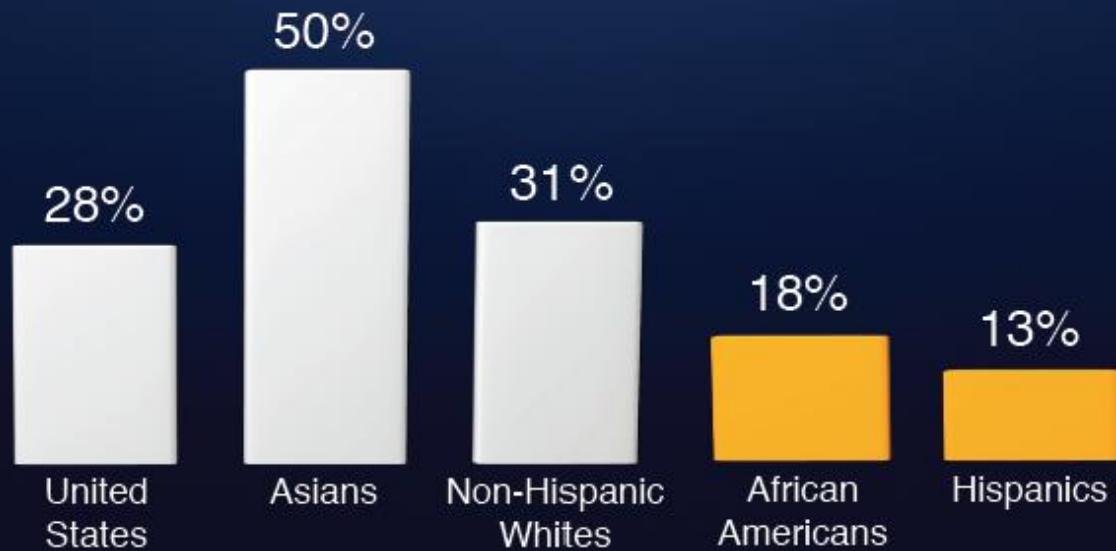
France  
Sweden  
Turkey  
United Kingdom  
Lebanon  
Mexico  
Canada  
Bolivia  
Spain  
Switzerland  
Uganda  
Algeria  
Estonia  
Slovenia  
South Africa  
Mozambique  
Morocco  
**United States**  
Honduras  
Lithuania

**45th**

Share of BAs in Science  
and Engineering

# Achievement Gap

## Bachelor's Degree Attainment



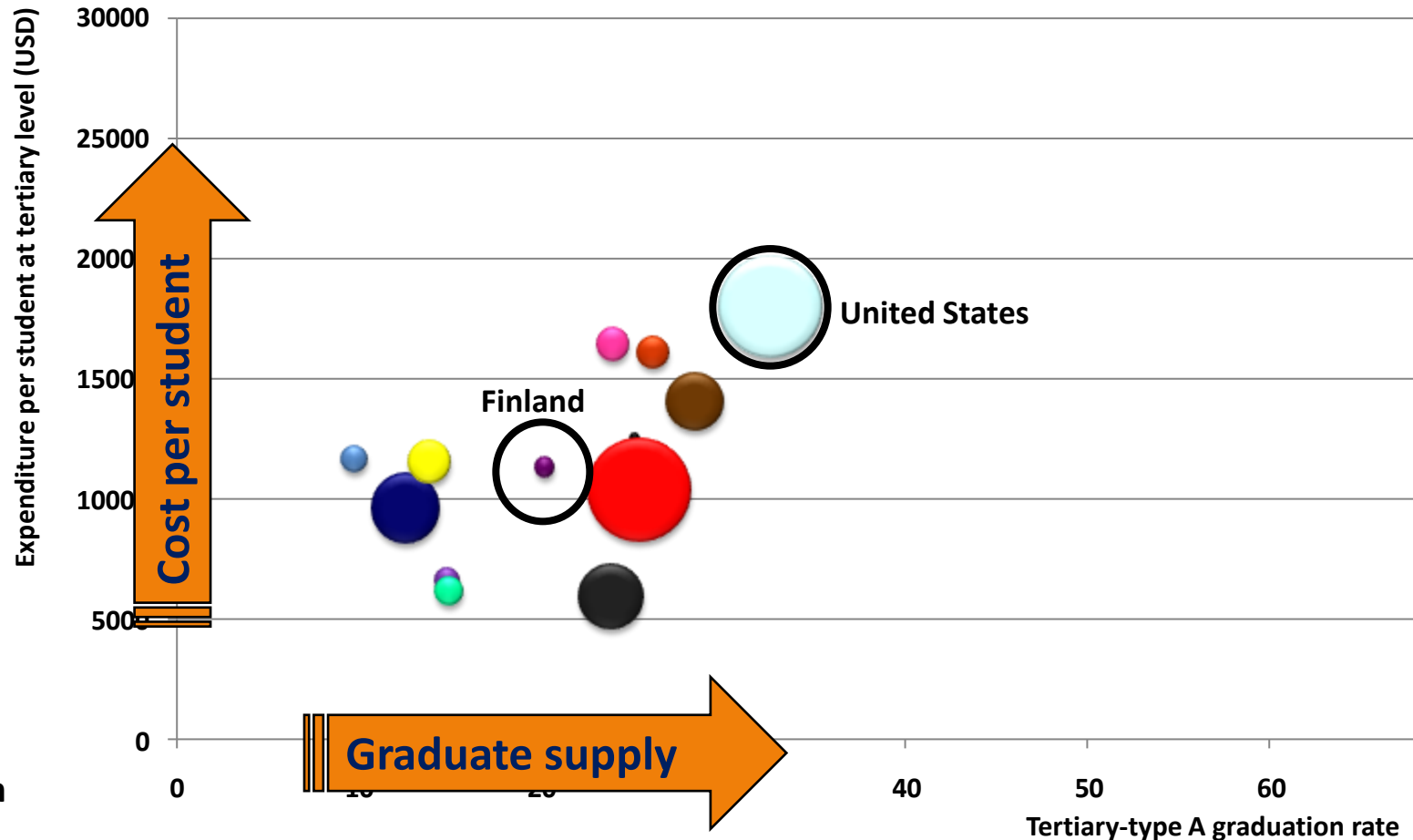
Source: US Census Bureau, 2008 American Community Survey



# International Competition

1995

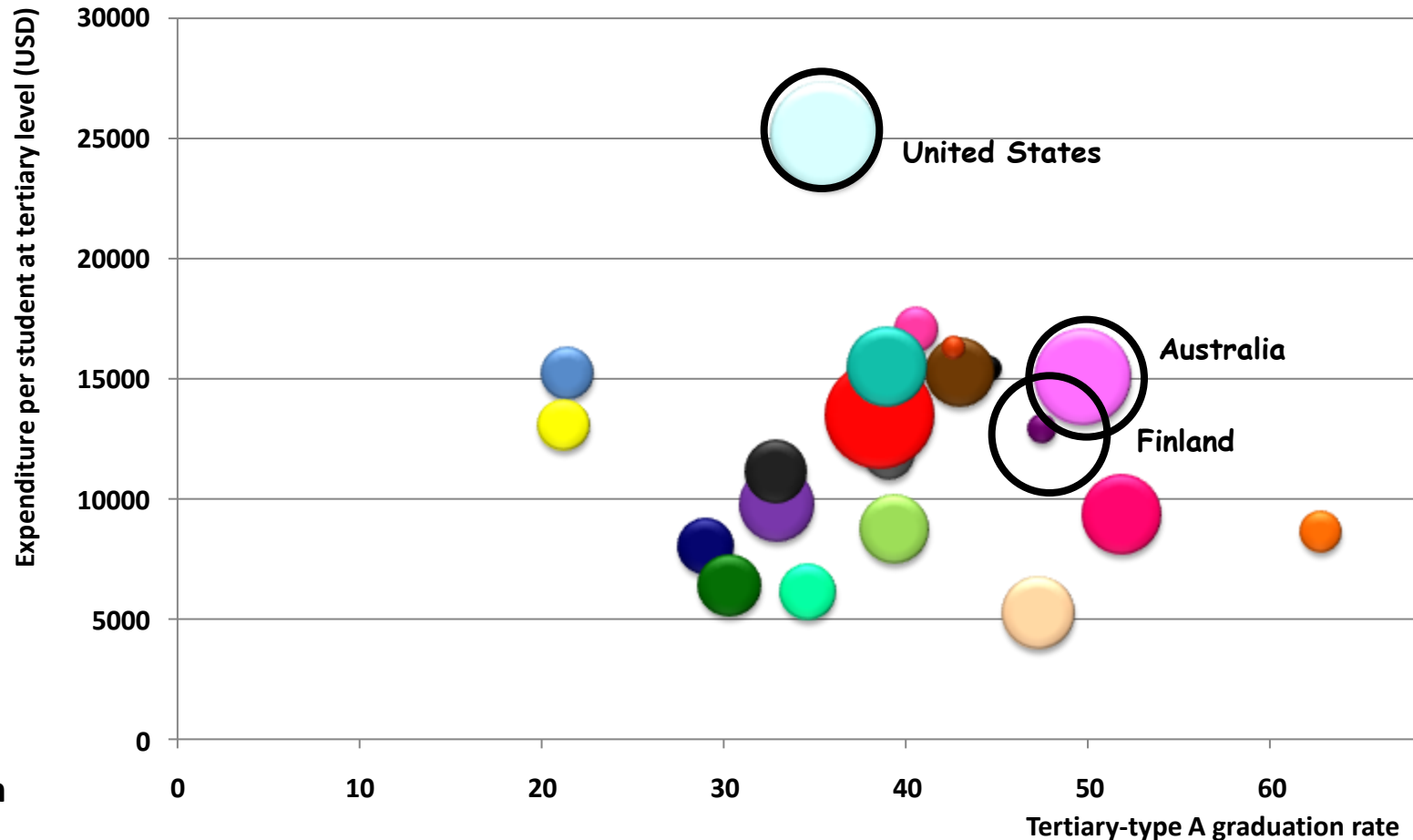
- Australia
- Austria
- Czech Republic
- Denmark
- Finland
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Italy
- Japan
- Netherlands
- New Zealand
- Norway
- Poland
- Portugal
- Slovak Republic
- Spain
- Sweden
- United Kingdom
- United States



# International Competition

2006

- Australia
- Austria
- Czech Republic
- Denmark
- Finland
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Italy
- Japan
- Netherlands
- New Zealand
- Norway
- Poland
- Portugal
- Slovak Republic
- Spain
- Sweden
- United Kingdom
- United States



# The Talent Dividend



## Talent Dividend

\$124 Billion

Thriving Cities

Increase in college attainment

years

1

2

3

4

# Why Focus on Educational Attainment?

<b>Unemployment by Education Level</b>	
Overall	9.8%
Less than High School	15.7%
High School Only	10.0%
Some College/AA	8.7%
Four-year Degree	5.1%

Source: Bureau of Labor Statistics, November 2010

# The Talent Dividend

<b>Wages by Education Level</b>	<b>Weekly</b>	<b>Annualized</b>
Less than High School	\$449	\$23,348
High School Only	\$622	\$32,344
Some College/AA	\$732	\$38,064
Four-year Degree	\$1,158	\$60,216

Source: Bureau of Labor Statistics, Third Quarter 2010



# A Nation at Risk – 1983

## A Nation At Risk:

THE  
IMPERATIVE  
FOR EDUCATIONAL  
REFORM



The National Commission on Excellence  
in Education

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IMPERATIVE  
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in Education

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REFORM



The National Commission on Excellence  
in Education

# A Nation at Risk – 1983

“What was unimaginable a generation ago has begun to occur—others are matching and surpassing our educational attainments.”



The National Commission on Excellence  
in Education



The National Commission on Excellence  
in Education



The National Commission on Excellence  
in Education

# A Nation at Risk – 1983

“We have, in effect, been committing an act of unthinking, unilateral educational disarmament.”



The National Commission on Excellence  
in Education



The National Commission on Excellence  
in Education



The National Commission on Excellence  
in Education

# A Nation at Risk – 1983

“History is not kind to idlers.”

**Risk:**

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REFORM



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REFORM



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in Education

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FOR EDUCATIONAL  
REFORM



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# A Nation at Risk – 1983

“The world is indeed one global village.”

**Risk:**

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REFORM



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**Risk:**

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in Education



# A Nation at Risk – 1983

“America’s position in the world may once have been reasonably secure with only a few exceptionally well-trained men and women. It is no longer.”

# A Nation at Risk – 1983

“Learning is the indispensable investment required for success in the ‘information age’ we are entering .”

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IMPERATIVE  
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REFORM



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THE  
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REFORM



The National Commission on Excellence  
in Education

# A Nation at Risk – 1983

“A high level of shared education is essential to a free, democratic society and to the fostering of a common culture, especially in a country that prides itself on pluralism and individual freedom.”



The National Commission on Excellence  
in Education



The National Commission on Excellence  
in Education



The National Commission on Excellence  
in Education

# A Nation at Risk – 1983

“I know no safe depository of the ultimate powers of the society but the people themselves; and if we think them not enlightened enough to exercise their control with a wholesome discretion, the remedy is not to take it from them but to inform their discretion.”



The National Commission on Excellence  
in Education



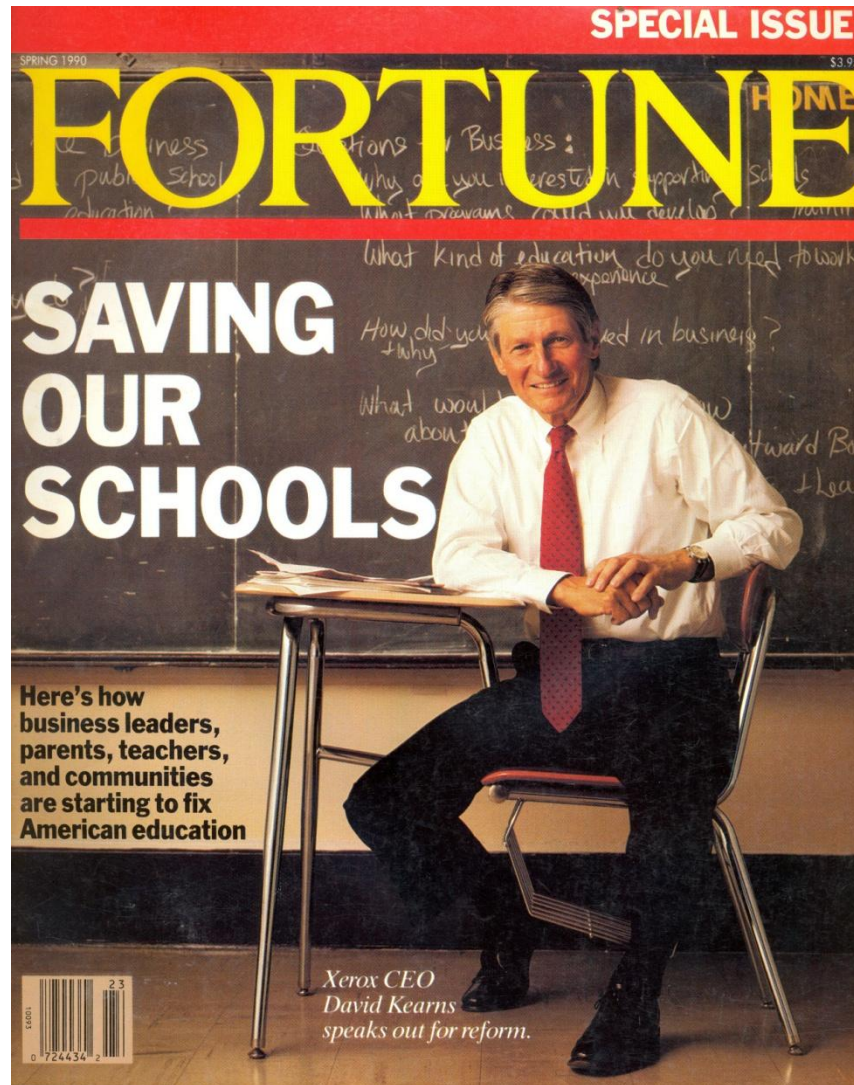
The National Commission on Excellence  
in Education



The National Commission on Excellence  
in Education



1990

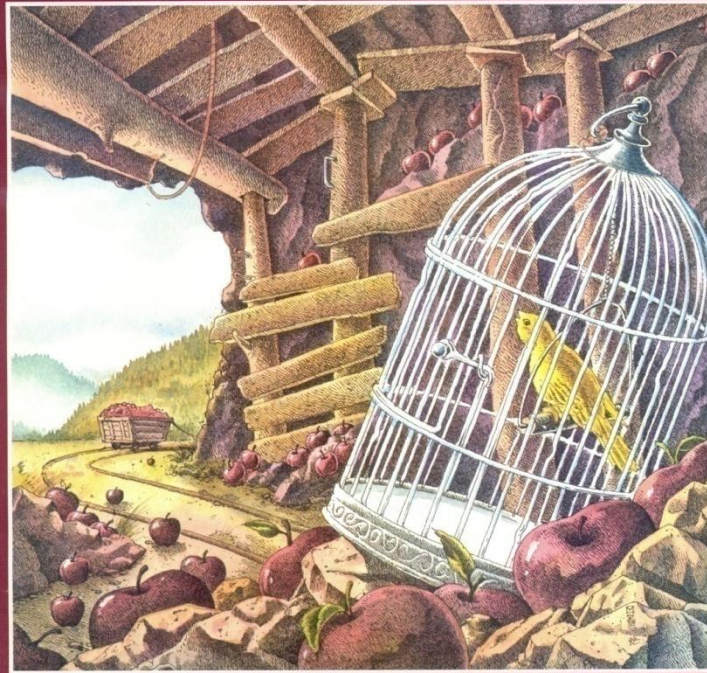


1998

PHI DELTA

SEPTEMBER 1998

# KAPPAN



The Canary in the Mine  
The Achievement Gap Between  
Black and White Students  
Mano Singham



# Unintended Consequences



Original image: MotorTrend.com. Design: K. Allgeier, The Chicago Community Trust



# Unintended Consequences



Original image: AutoWorld. Design: K. Allgeier, The Chicago Community Trust

# No Silver Bullet





# World Class Standards





# Powerful Thinkers





# Responsible Global Citizens





# Self-Confident Individuals





# Effective, Literate Communicators





# Comprehensive Curriculum & Aligned Assessments



# Preparation of Teachers and Principals





# Preparation of Teachers and Principals



# Differentiated Instruction





# Differentiated Instruction





# Differentiated Instruction





# Integrated Use of Technology



# Targeted Investment in Key Developmental Transitions





# Targeted Investment in Key Developmental Transitions





# Targeted Investment in Key Developmental Transitions





# Considerations for the University of Illinois Agenda

- **Identity as a Global Institution (including student population)**
- **Re-invention of Government**
- **Wealth Disparities**
- **Health Disparities and Costs**
- **Economic Development, Innovation, Research**

# Considerations for the University of Illinois Agenda

- **Education Access and Attainment**
  - **Elementary and Secondary Success**
    - **Principal Preparation (Urban Education Leadership)**
    - **Teacher Quality**
      - **Content Preparation**
      - **Extended Practicum and Mentoring**
      - **Use of Data**
    - **Pre-K to 12 Partnerships**
    - **Applied Research**
  - **College Readiness**
  - **College Access**
  - **College Graduation**





