# http://zhao.educ.msu.edu

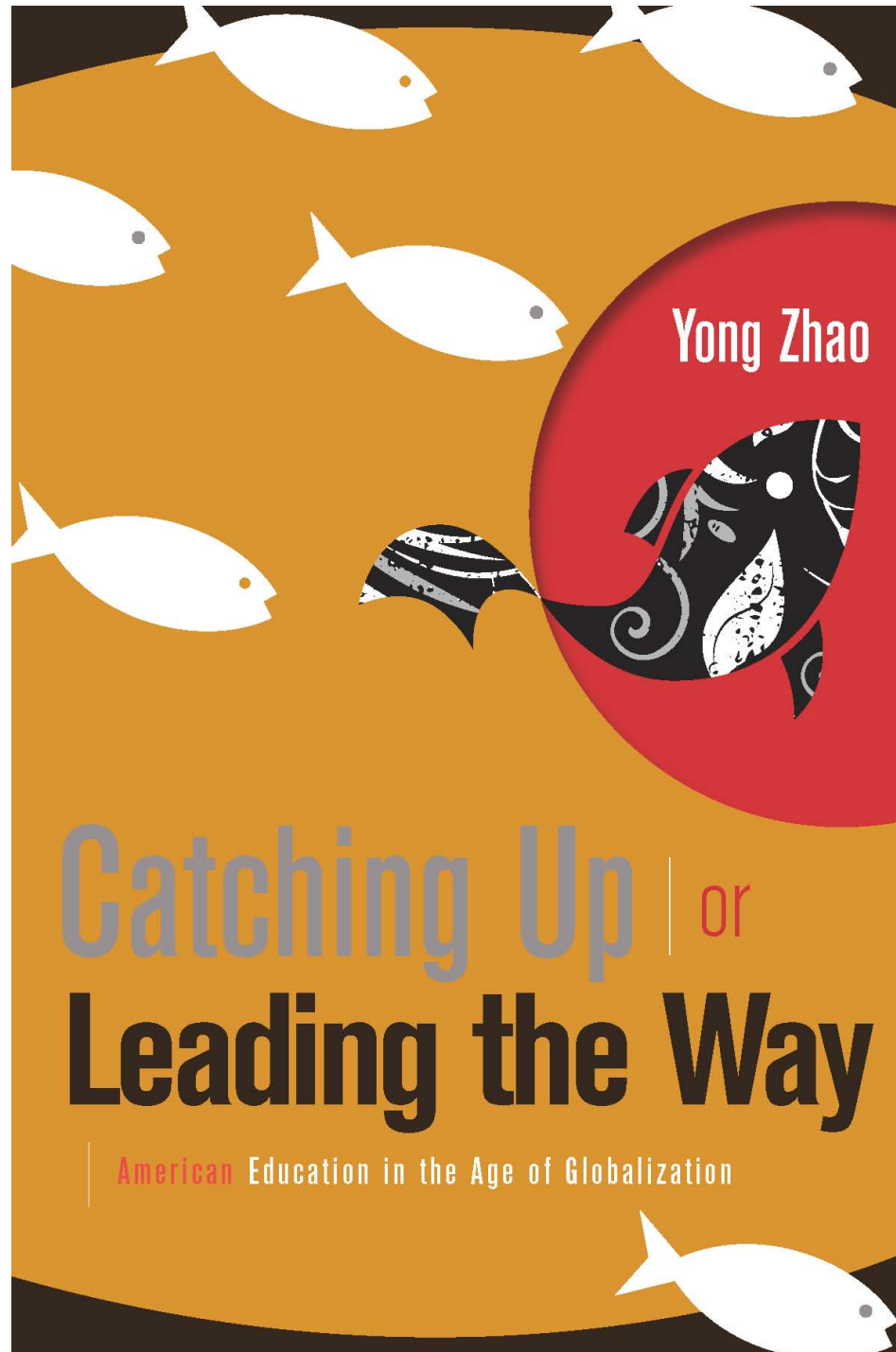MICHIGAN STATE
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# Schools as Global Enterprises: Cultivating Global Competence

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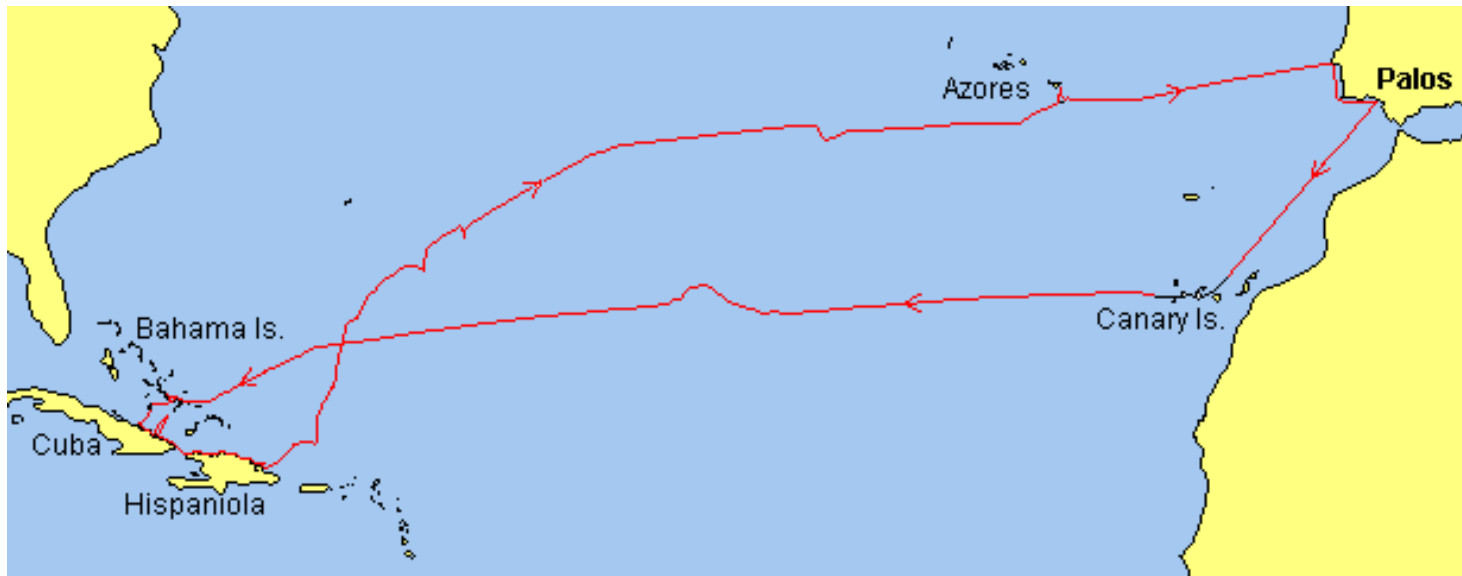Michigan State University

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Yong Zhao

# Catching Up | or
# Leading the Way

American Education in the Age of Globalization

# Death of Distance
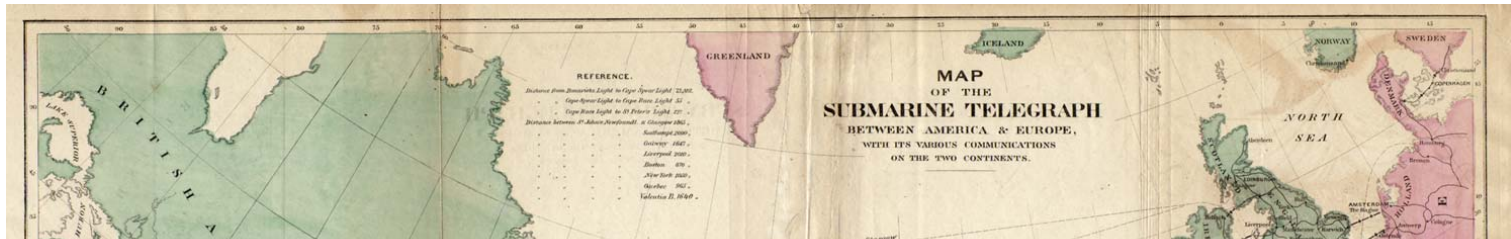
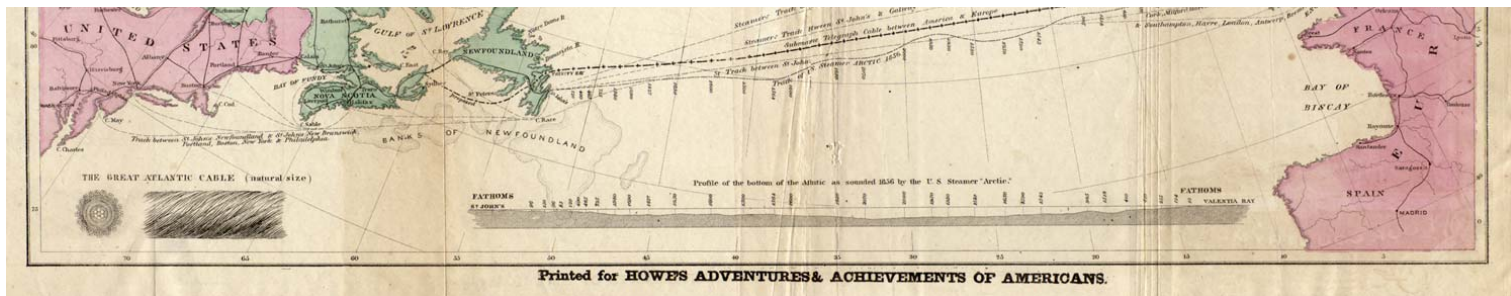# 1492: about 3 months



# 2009: about 13 hours

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# 1858: 17 hours



Glory to God in the highest; on earth, peace and good will toward men.

# 2009: less than 1 minute

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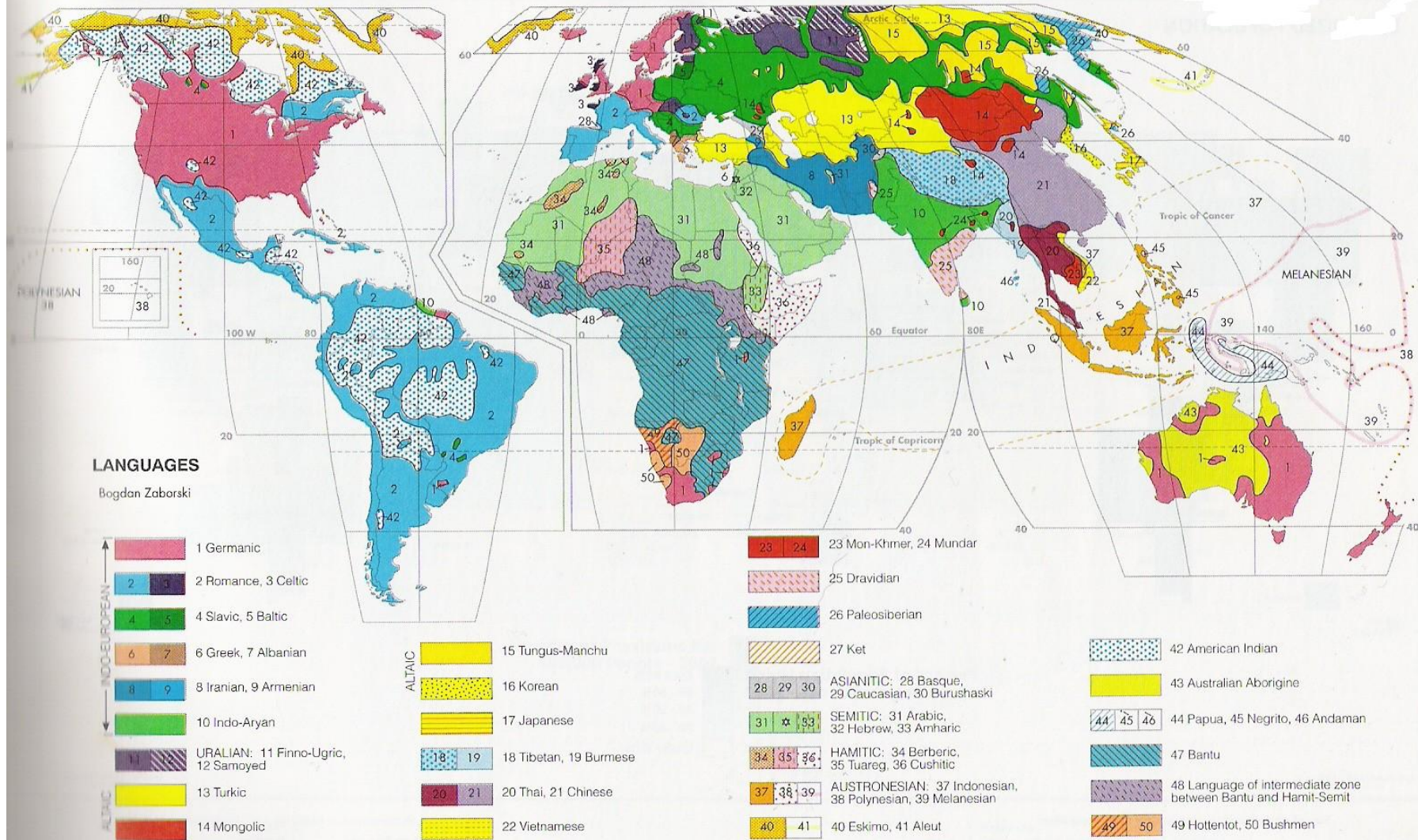U N I V E R S I T Y

# 1927: $65 (about $1,000)



3 minute phone call

## 2009: about $0.02

# World Language Families 2006



LANGUAGES

Bogdan Zaborski

**INDO-EUROPEAN**
- 1 Germanic
- 2 Romance, 3 Celtic
- 4 Slavic, 5 Baltic
- 6 Greek, 7 Albanian
- 8 Iranian, 9 Armenian
- 10 Indo-Aryan
- URALIAN: 11 Finno-Ugric, 12 Samoyed

**ALTAIC**
- 13 Turkic
- 14 Mongolic
- 15 Tungus-Manchu
- 16 Korean
- 17 Japanese
- 18 Tibetan, 19 Burmese
- 20 Thai, 21 Chinese
- 22 Vietnamese

- 23 Mon-Khmer, 24 Mundar
- 25 Dravidian
- 26 Paleosiberian
- 27 Ket
- ASIANITIC: 28 Basque, 29 Caucasian, 30 Burushaski
- SEMITIC: 31 Arabic, 32 Hebrew, 33 Amharic
- HAMITIC: 34 Berberic, 35 Tuareg, 36 Cushitic
- AUSTRONESIAN: 37 Indonesian, 38 Polynesian, 39 Melanesian
- 40 Eskimo, 41 Aleut

- 42 American Indian
- 43 Australian Aborigine
- 44 Papua, 45 Negrito, 46 Andaman
- 47 Bantu
- 48 Language of intermediate zone between Bantu and Hamit-Semit
- 49 Hottentot, 50 Bushmen

Source: *Goode's World Atlas, 21st ed.*

ATLAS OF FAITHS
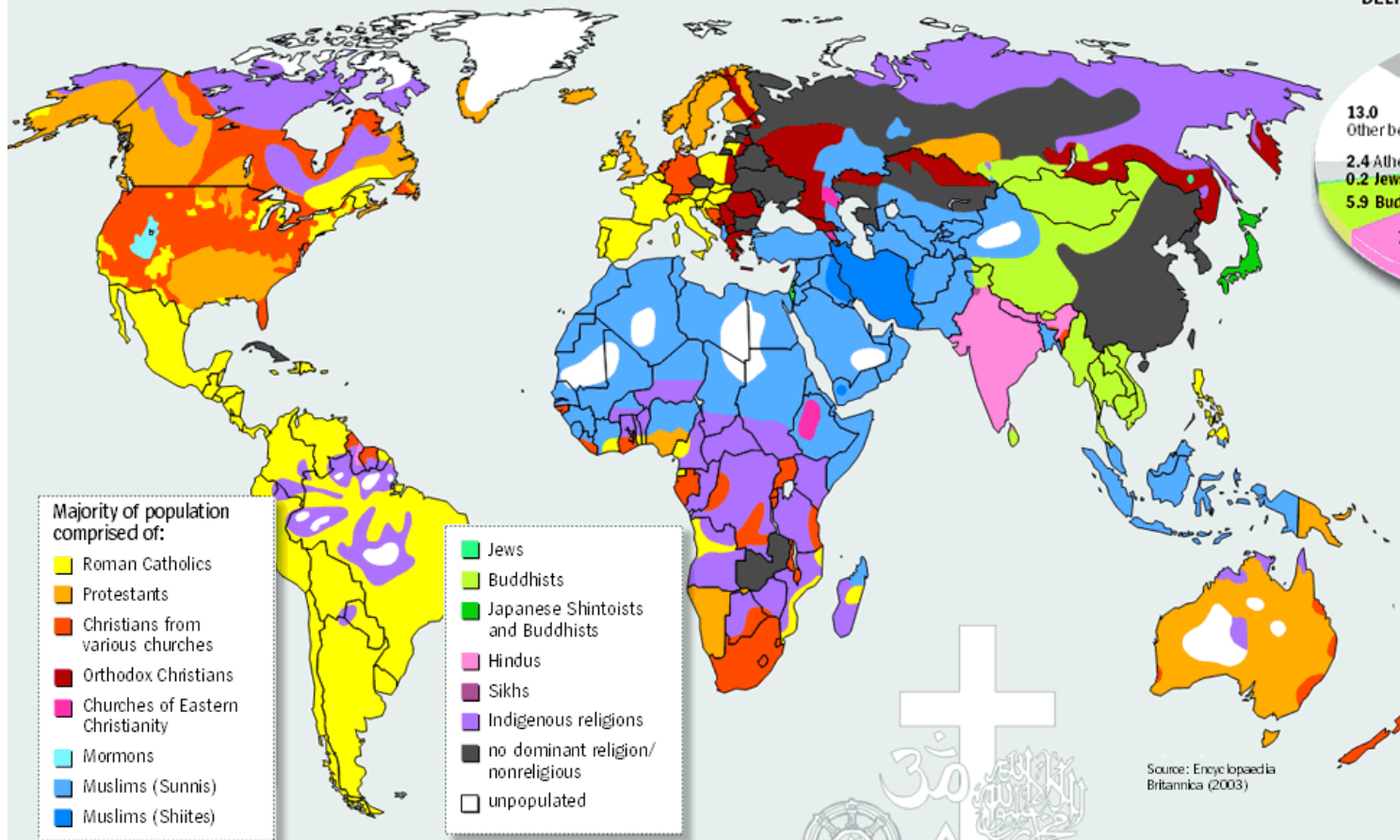
**BELIEVERS** as percentage of global population (2002)

- 12.5 Agnostics
- 13.0 Other believers
- 2.4 Atheists
- 0.2 Jews
- 5.9 Buddhists
- 13.3 Hindus
- 19.8 Muslims
- 17.4 Roman Catholics
- 5.6 Protestants
- 3.5 Orthodox Chr.
- 6.4 Other Christians

**Majority of population comprised of:**

- Roman Catholics
- Protestants
- Christians from various churches
- Orthodox Christians
- Churches of Eastern Christianity
- Mormons
- Muslims (Sunnis)
- Muslims (Shiites)
- Jews
- Buddhists
- Japanese Shintoists and Buddhists
- Hindus
- Sikhs
- Indigenous religions
- no dominant religion/ nonreligious
- unpopulated

Source: Encyclopaedia Britannica (2003)

**BELIEVERS BY RELIGION**

in millions

Source: World Christian Trends
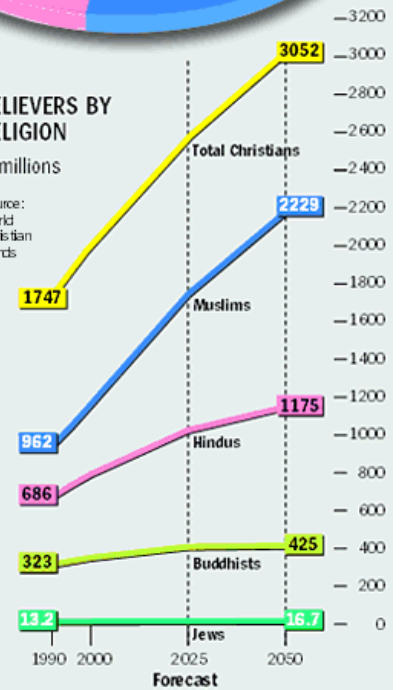
- Total Christians: 1747 → 3052
- Muslims: 962 → 2229
- Hindus: 686 → 1175
- Buddhists: 323 → 425
- Jews: 13.2 → 16.7

1990 2000 2025 2050

Forecast

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Dell Manufacturing Plant
Austin, Texas

Mexico
Keyboards

France
Soundcards

China
Power Supplies

Malaysia
Floppy Drives

Hong Kong
Video Cards
Microprocessors

Japan
RAM Chips
CD-ROM Drives

Taiwan
Network Cards
Monitors
Cooling Fans

Singapore
SCSI Cards
Disk Devices

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US-CHINA CENTER OF RESEARCH FOR EDUCATIONAL EXCELLENCE
中美优顶教育研究中心
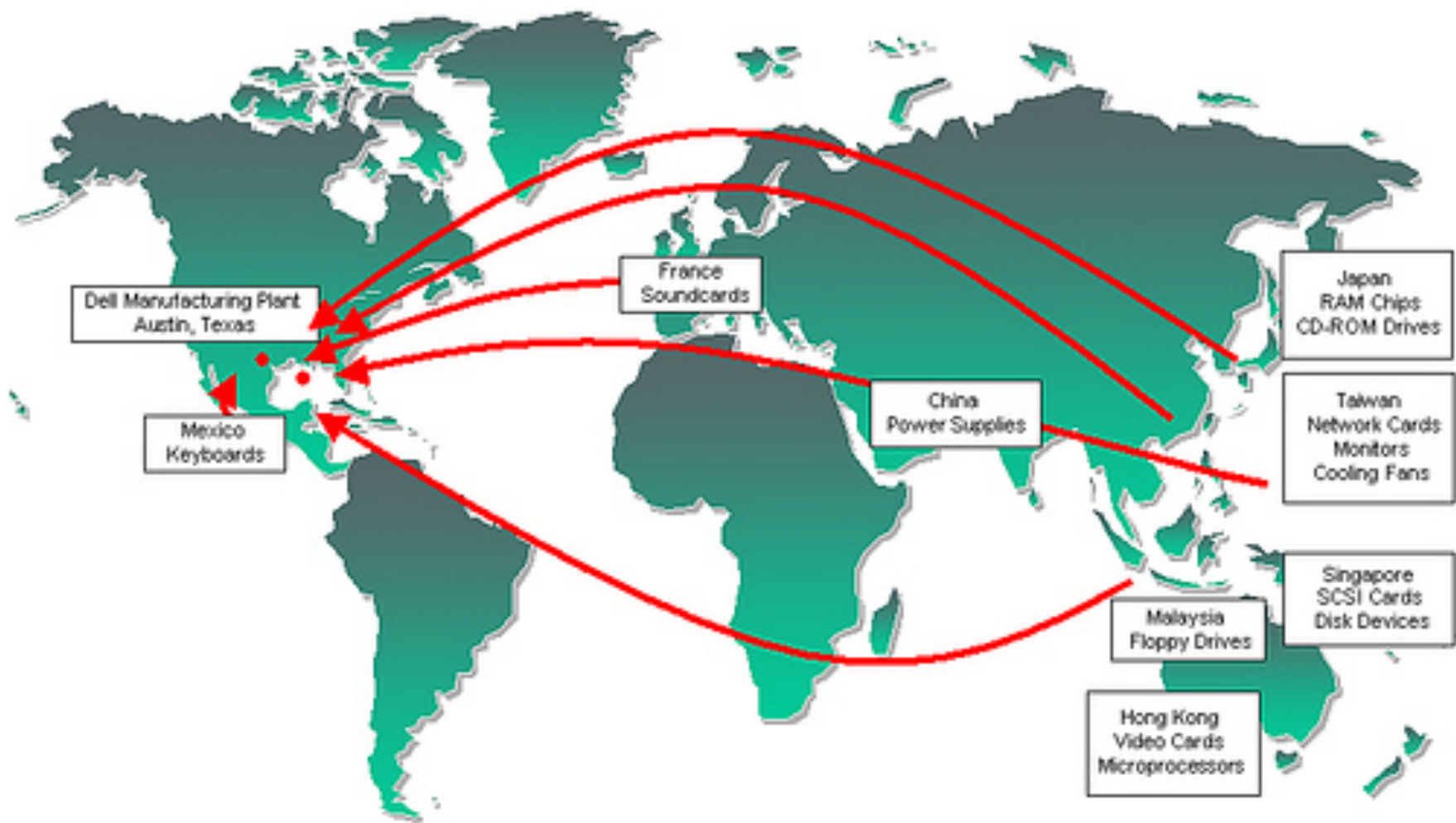
Today, Indian engineers make $7,500 a year against $45,000 for an American engineer with the same qualifications. If we succeed in matching the very high levels of mastery of mathematics and science of these Indian engineers — an enormous challenge for this country — **why would the world's employers pay us more than they have to pay the Indians to do their work?** They would be willing to do that only if we could offer something that the Chinese and Indians, and others, cannot.

  --New Commission on the Skills of the American Workforce (2007). Tough Choices or Tough Times
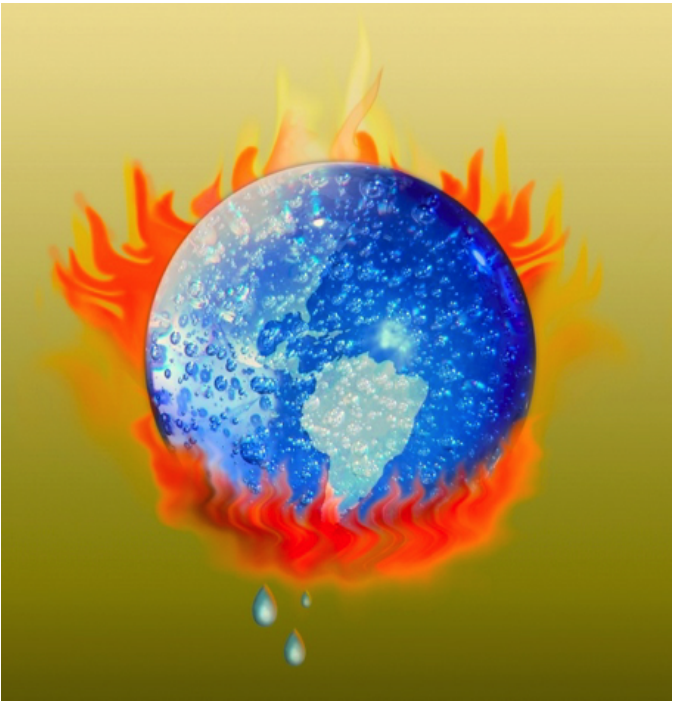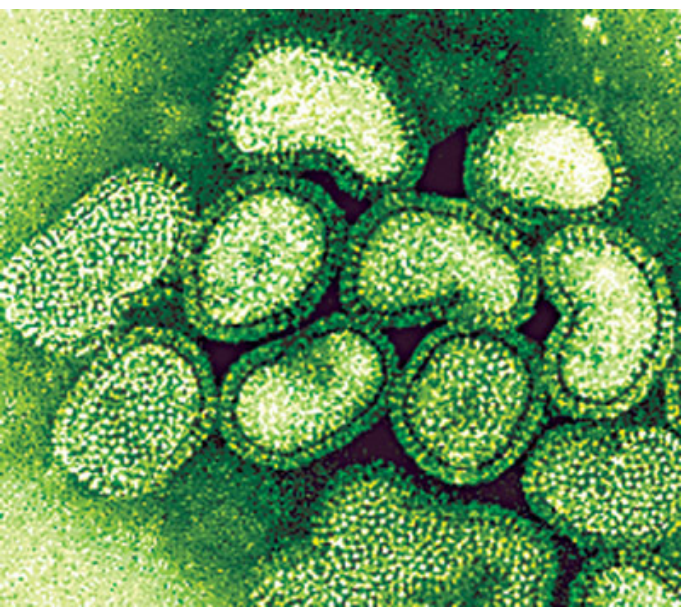
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Unique qualities
Creativity, passion
R-directed thinking skills
Global Competence

Global products

Global resources

# Schools as Global Enterprises

Global market

Global staffing

# Cultivating Global Competence

# Global Competences

- Culture Intelligence (CQ)
  - Skills
  - Attitudes
  - Perspectives
  - Values/identity
- Knowledge of the Globe
  - Global economics
  - Global problems
  - Interdependence
- Languages and cultures

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# Global Competence
# =
# Interact with Others

# Knowledge about Others

# Perspective on Others

# Attitude toward Others

# Ability to Interact with Others

# How?

# Three Models

- Adding global elements to the existing curriculum

- Adding new courses

- Developing a new curriculum

# Globalize Existing Curriculum

- Social Studies
- Language Arts
- Science
- Math
- Other courses
- Clubs/exchanges

# New Courses

- Global studies
- Foreign languages
- Global partners

# New Curriculum:
# School as Global Enterprise

- Global theme as the basis
- Dual language/culture immersion
- Global staffing
- Global resourcing

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# Examples

- Online foreign language courses
- Online exchanges
- Online conferences
- Education for Global Citizenship (EGC) school

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