

# **Internationalization**

*Trends And Current North American Models*



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# Summary

Category	Description
Current Trends	<i>Decentralized Tertiary Education Destinations</i> - No single country accounts for over 20% of international students enrollment. U.S. remains the leading destination.
Models of Success	<i>Worcester Polytechnical Institute- (WPI)</i> - A project-based approach. <i>Georgia Institute of Technology- (GeorgiaTech)</i> - A curriculum-based approach, carried out through top-down coordination. <i>University of Illinois Urbana</i> – A researchers based approach and a multiplicity of options.
Università degli Studi di Napoli Value Proposition	<i>Value proposition</i> - A Mediterranean institution, serving as a nexus culture, propelling the force of ideas in the region.

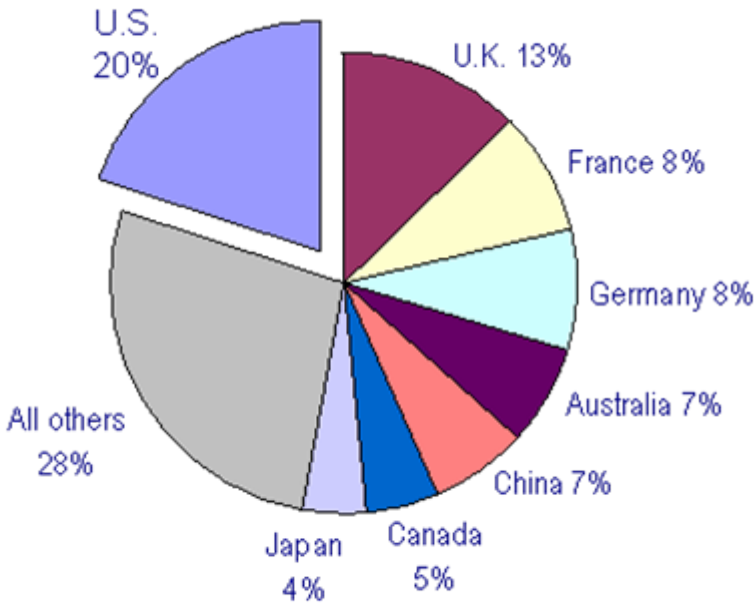
# Top Ten Countries Sending Students to the United States

Country	Percentage of Total Student Enrollment
India	14.4%
China, PRC	11.6%
Korea, Rep of (South)	10.7%
Japan	6.1%
Taiwan	5.0%
Canada	4.9%
Mexico	2.4%
Turkey	2.0%
Thailand	1.5%
Germany	1.5%

## Economic Impact

In 2007-08, education spending contributed \$15,543 BN USD to the U.S. economy.

# 2008 Global Destinations for international students in tertiary education



**Sources:** Project Atlas 2007 data from partner organizations, UNESCO OECD 2006 data

# Scholars & Students Origin, Fields, Destination, Trends

## U.S. 2006/07/08

- **Scholars:** **Italy** ranks 8<sup>th</sup> with a 4% increase from 06 to 08 and having 3% of the total population of international scholars, followed by Spain and the U.K. respectively

**Leading countries: China, India, Japan, South Korea and Canada**

**China** ranks 1<sup>st</sup> with 18% increase from 06 to 08 and 22.4% of the total number of international scholars.

**Leading fields of specialization:** Biology, Biomedical, Health Sciences, Engineering, Physical Sciences and Agriculture.

# Scholars & Students Origin, Fields, Destination, Trends

## U.S. 2006/07/08

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**Leading Institutions (12):** Harvard U., Stanford U., U. of California-Berkeley, U. of California-Davis, Colombia U., U. of California-Los Angeles, U. of California-San Diego, Yale U., U. of Michigan-Ann Arbor, U. of Washington, U. of Florida, and the Massachusetts Institute of Technology (M.I.T.)

**Graduate Students:** Total Increase of only 4.3% from '07 to '08.

Increase: China 14% as compared to 19% in 2007

Decline: India - 2%; South Korea - 4%

## Three Different Models (Slide 1)

### **Project-Based/Problem Solving**

*Worcester Polytechnical Institute (WPI) – Worcester, MA (private institution)*

- Global Perspective Program (GPP) – Project specific in 25 locations in five continents. Offered to undergraduate in multidisciplinary groups with faculty mentor. Integrated into the program of studies, includes industry partners and requires problem solving.
- Italy location: Venice where students worked on helping to reduce damage to canal walls and to catalogue endangered public art.

## Three Different Models (Slide 1)

- **Centralized Approach with Campus Abroad**

*Georgia Institute of Technology (Georgia Tech) – Atlanta, Georgia  
(public university)*

- The goal is to articulate a vision of a “multinational university”
- The Office of International Education under the leadership of a Vice-Provost for International Education supports hundreds of Study-Abroad programs around the world. Also provides support for faculty bringing graduate students, visiting scholars, or wishing to internationalize their particular area of interest. Provides logistic support as well
- International curriculum for undergraduates through the International Plan Designation (IP) which appears on their title, upon graduation
- Requires at least 26 weeks of study, internship and research abroad.
- Passing an oral proficiency exam certified by the American Council on the Teaching of Foreign Languages (ACTFL)



## Three Different Models (Slide 2)

### **From Decentralized to Centralized:**

*University of Illinois, Urbana-Champaign – (public land/grant university)*

### **Creation of high level International Advisory Council**

Office of the Associate Provost creating a database on the Web,  
a catalogue of all

international programs at Illinois.

Institute an additional fee of \$5.- each semester for education  
abroad scholarships

Will raise \$900,000 in three years

Has over 100 partnerships across the world with Government's  
Research Institutes (CNRS)

France, for joint research projects.

## Three Different Models (Slide 2)

**Established: Global Connect:** Small office with a modest budget of approx. \$100,000

To help new faculty to pursue grants, partnerships and international opportunities.

**Launched: Academy for Global Engagement : (2006)**

Select eight faculty fellows from different disciplines for a year long immersion in international affairs. Organize monthly seminars, visit headquarters of multinational corporations in Chicago, and international agencies in Washington D.C.

Capstone: An international trip at the end of the year to collaborate on a short-term research and education project. First group went to Mexico to explore the anti-diabetic properties of certain plants.

## Why Università degli Studi di Napoli Federico II?

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- Centers of Excellence
- Industry-University links
- Internship possibilities
- Study Abroad Location
- Designated courses in English
- Standards
- Resources
- Best thinking standards

## Questions?

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