

## U.S. Graduate Education:

### Multiple Approaches and a Changing Landscape

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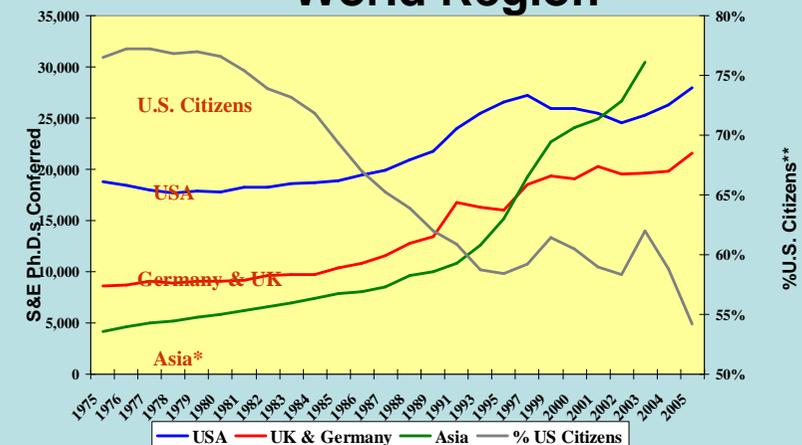
## Overview of Graduate Education

- Approximately 1700 institutions grant at least one graduate degree
- Approximately 282 institutions award at least 20 doctorates per year
- 674 award at least 50 master's degrees and/or fewer than 20 doctorates
- Remainder of degrees are from primarily baccalaureate institutions

## Overview of Graduate Education in the U.S.

- 2.5 million graduate students
- 25% are doctoral
- Approximately 60,000 doctorates awarded annually
- Median TTD 8.5 years for all disciplines
- 30% of doctoral students complete a post-doc

## Doctoral S&E Degrees by World Region



\*Asia includes China, India, Japan, South Korea, and Taiwan  
\*\*Includes Permanent Residents.

Source: National Science Board, Science and Engineering Indicators 2008, Appendix Tables 2-31 & 2-42. Updated January 2008.  
Analysis by the Council of Graduate Schools.

## Graduate Schools in U.S.

- Variety of structures
- Primary responsibilities
  - Quality assurance
  - Advocacy
  - Best practice development
  - Creation of a graduate community
  - Funding students

## Recent trends

- National examination of graduate education
  - Reports (see handout)
  - Leadership of CGS and regional associations

## Specific Areas of Interest

- Professional development programs
- Ethics education
- Expansion of master's degrees in Science
- Retention and completion issues
- Internationalization
  
- See CGS Website for complete details on all of these areas: [cgsnet.org](http://cgsnet.org)