

Institute of International Education

Partnerships with Public Sector

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Science & Technology Programs

About IIE

- Founded in 1919
- Mission: In essence, to lower barriers to mobility in education, at all levels
- Today
 - Over 200 programs (public and private sector)
 - IIE Network
 - Open Doors (statistics)

IIE – Longtime Public Sector Partner

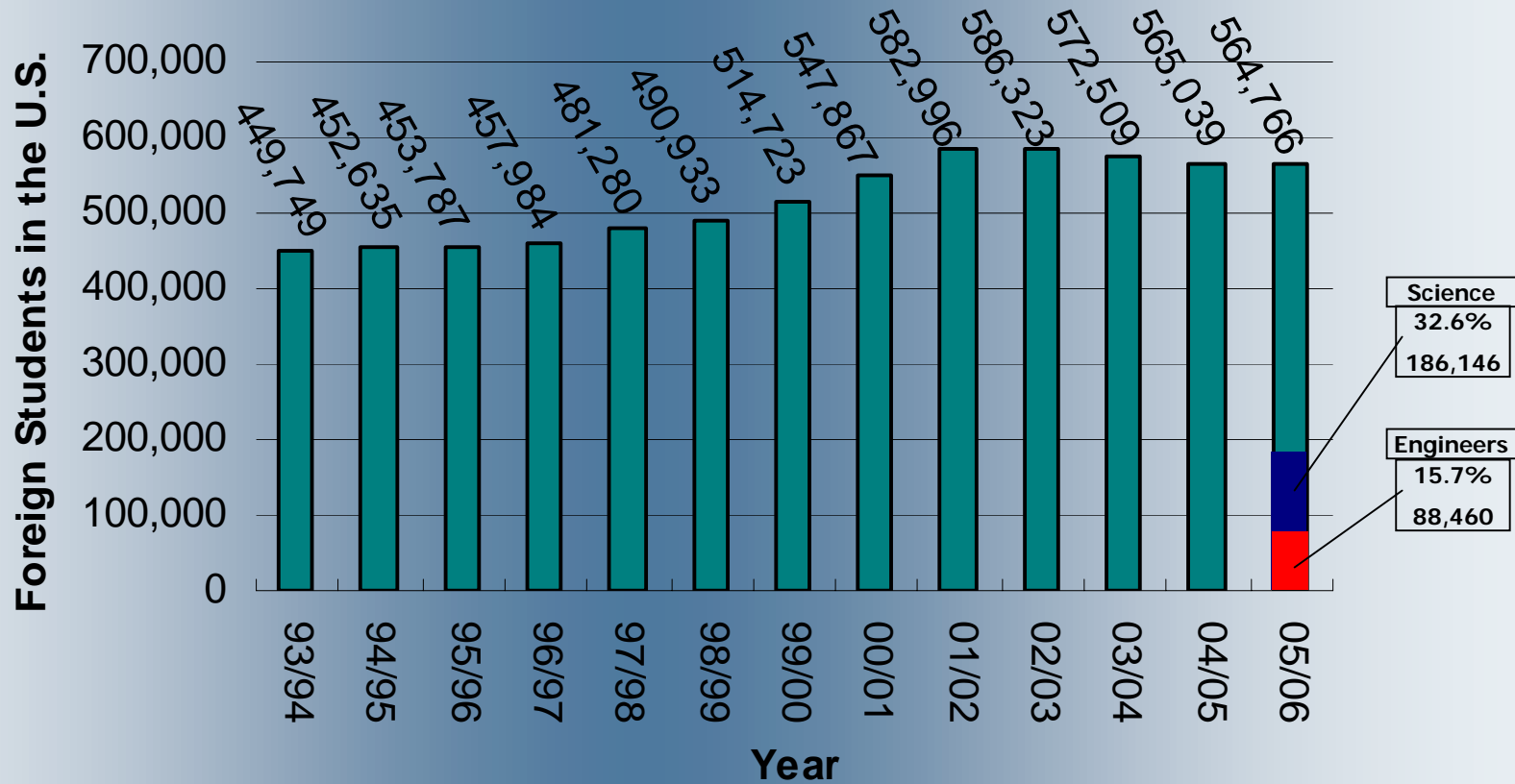
- Boren Awards – Language, Service Requirement
- Gilman Awards – Under-served communities (Pell recipients)
- EducationUSA – Helping to build centralized resources for foreign students and advisors
- Fulbright...



- IIE has administered since 1946
- Mutual exchange
- 140 countries
- Many flavors:
 - ETA and FLTA
 - US and Foreign Students
 - US and Foreign Senior faculty

Stats on Study Abroad

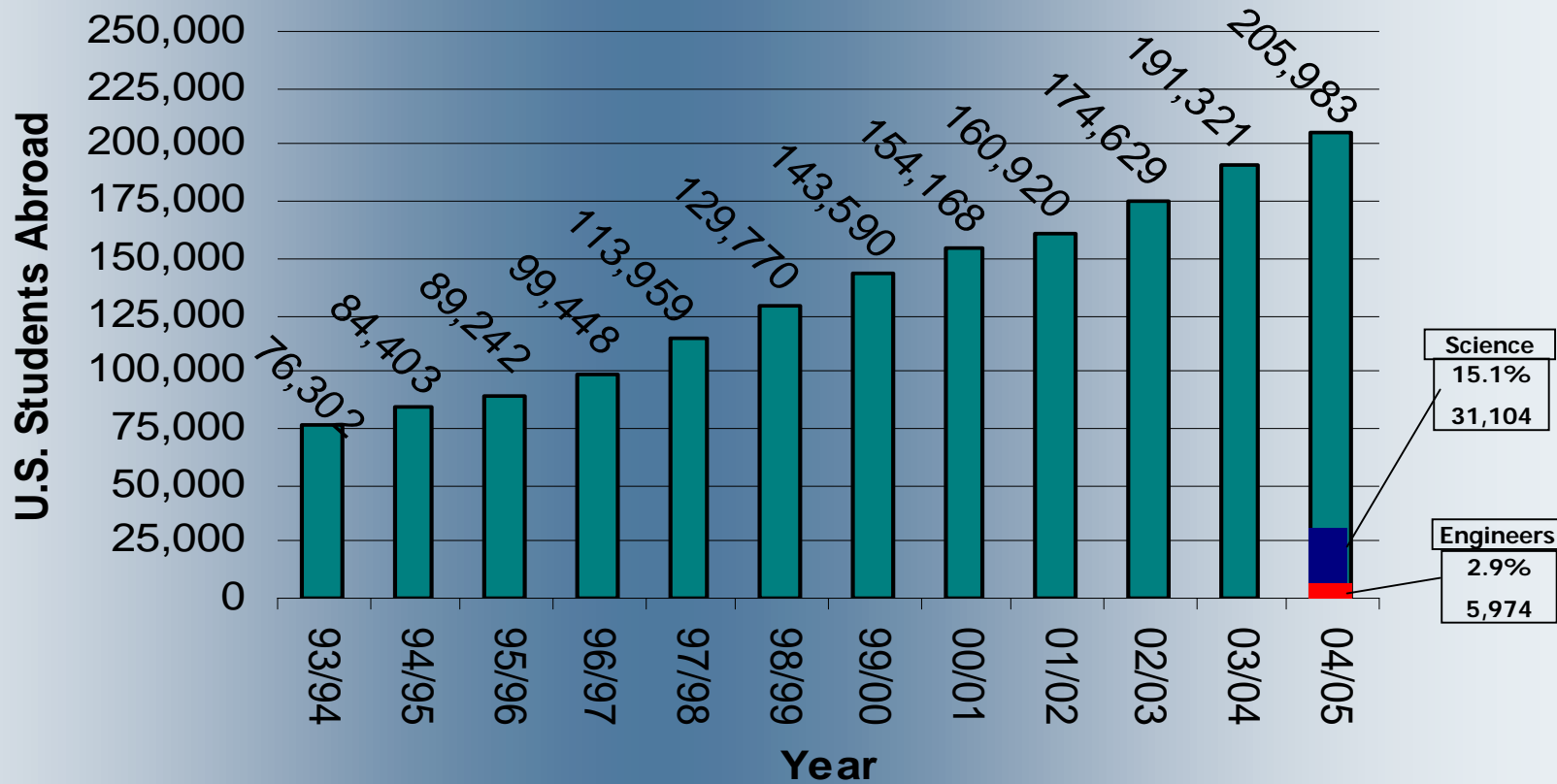
Visitors Studying in the U.S.



Source: Open Doors data from 1994 through 2006

Americans Going Abroad

Stats on Study Abroad



Source: Open Doors data from 1994 through 2006

IIE's Increasing Focus on Science

- Existing Public Sector Partnerships
 - Fulbright S&T Program (2006)
 - Boren Awards – Special Initiatives for STEM students starting (2007/08)
- And Beyond...
 - Program Manager, S&T – 2007
 - Whitaker Program* – 2005
 - NSF CESRI – 2005
 - Global E3 – 1994
 - Churchill Scholarships* – 1960s



Whitaker
International Fellows And Scholars
Program

- U.S. biomedical engineers
- Self-designed projects
- Funding: One academic year (up to two for post-docs)



Churchill Scholarships

- Recent bachelor's recipients in the sciences
- Funding: One academic year at Churchill College (Cambridge University)



**Central Europe
Summer Research Institute**
Sponsored by the National Science Foundation

- U.S. MS/PhD science students only
- SUMMER Graduate laboratory fellowship
- Six Central European host countries
 - Austria, Czech Republic, Germany, Hungary, Poland, Slovakia
- Six supported scientific fields
 - Biology, Chemistry, Computer Science, Environmental Science, Engineering, Mathematics



**Central Europe
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IMPACT

- 3 years, 35 high-level graduate students
- Alumni Survey - 25 respondents
 - Projects: 19 directly relevant to thesis, 6 relevant to enhancing background
 - Publications: 7 published/in press, 25 in submission/being written
 - Continued Collaboration: 20 ongoing/planned

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- Exchange for undergraduate engineers
- Founded in 1994 – unique (then)
 - FIPSE and NSF start-up funding
- Consortium/tuition swap
 - 85+ universities worldwide
- Self-Sustaining: Member dues



IMPACT

- By '09: 2000+ students, 2300+ semesters
 - 200-250 exchanged annually
- Network-building
 - ~ 5 bilateral relationships have grown from Global E3
 - 75+ more students exchanged annually
- Credit transfer eased
 - Partners are a knowledge base

IIE's Future is S & T

- Worldwide focus on S&T, “global competence”
 - New administration: chief S&T advisor
 - ABET 2000
 - KAUST
 - RPI's REACH, URI's IEP
 - Purdue's GlobalHUB, UVA's BMEPlanet
- Continue “Diverse Portfolio” of Success
 - Public: Fulbright, Boren, Gilman, CESRI
 - Private: Whitaker, Churchill
 - Expand short-term CESRI-type programs
 - Continue growing Global E3
 - Public/private partnerships

Links and Contact

- Fulbright: fulbrightonline.org
- Boren: borenawards.org
- Gilman: www.iie.org/gilman

- Churchill: winstonchurchillfoundation.org
- Whitaker: whitaker.org

- CESRI: www.iie.org/cesri
- Global E3: globale3.org

- IIE: www.iie.org, iienetwork.org
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