



Nurturing Global Engagement and Perspectives

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International Perspectives on University Teaching & Learning Symposium

May 31, 2018

What is the Council of Graduate Schools?

- CGS's Mission: **advancing master's and doctoral education & research**
 - Advocacy and demonstrating impact
 - Research and Best Practices
- ~ **500** member universities in the **U.S.** and **Canada**, 25 **international members**
 - Members represented by graduate deans
 - Some deans share oversight for both research and graduate education

Key Takeaways

- Multicultural and global competence are critical to 21st century leadership
- International graduate students provide one real opportunity for U.S. students and programs to develop a more global perspective
- Universities must expand programs and policy support for U.S. students to study and conduct research abroad

A Rationale for Global Competence

- Flattened global economy
- Global migration
- The need for global stewardship



Why International Students Matter

Educational benefits

- Appreciation of art and literature
- Adopt an historical perspective to current issues
- Increased cultural competence
- Growth in leadership and critical thinking skills

But

- Only for U.S. students who actively interact with their international peers

A faded background image showing two scientists in a laboratory setting. One scientist, wearing safety glasses and a white lab coat, is in the foreground, looking towards the camera. Another scientist is visible in the background, also in a lab coat. The overall tone is professional and scientific.

Why International Students Matter

Research

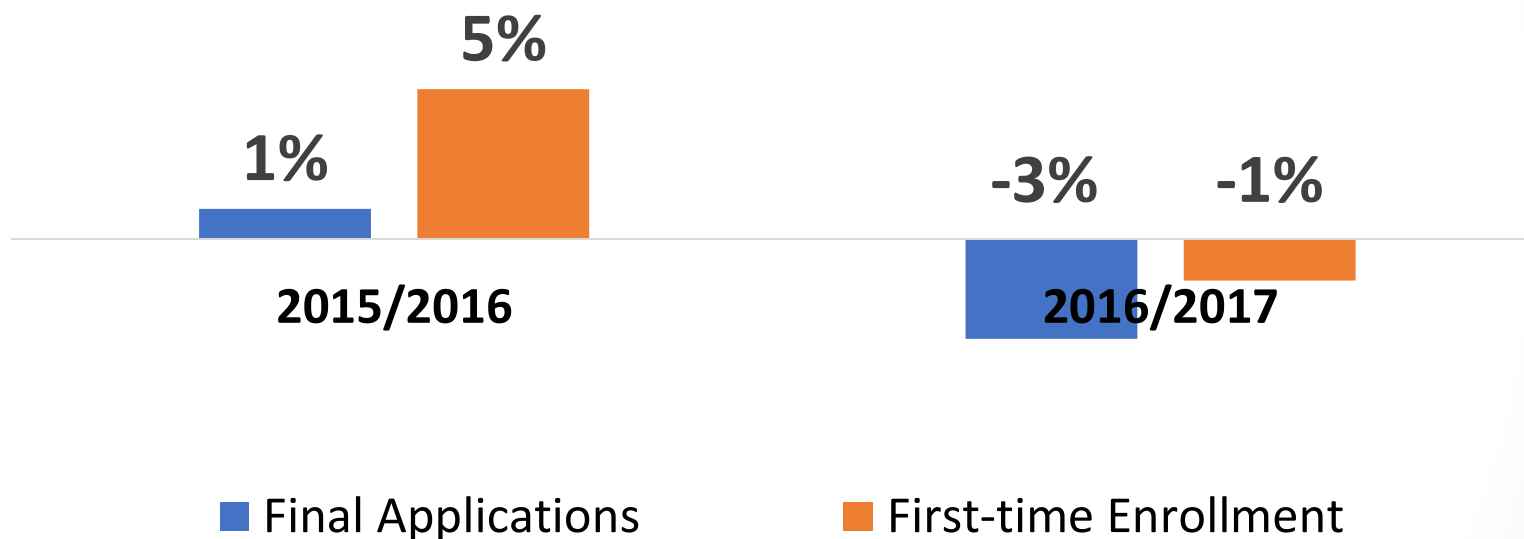
- Many U.S. Nobel laureates are immigrants
- Increased patent applications
- Greater citation impact

Why International Students Matter

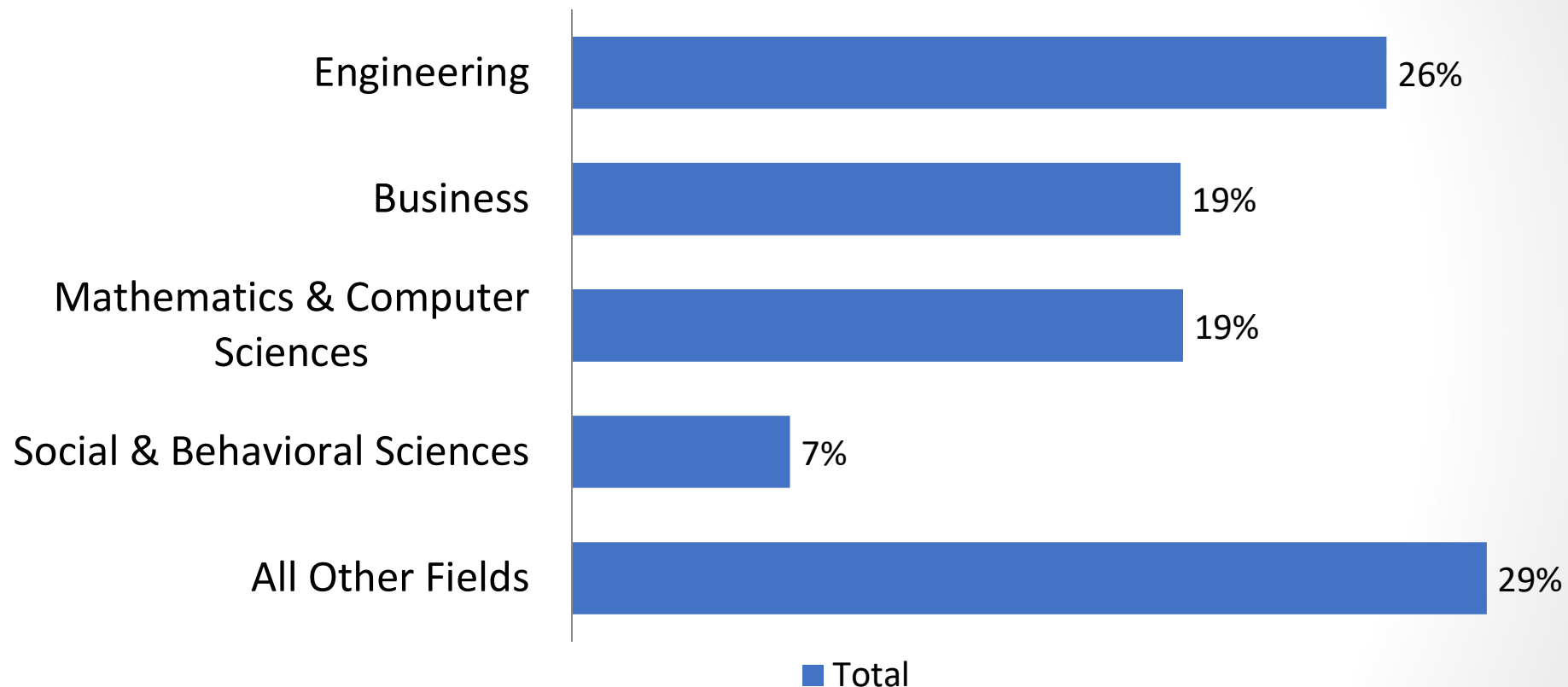
Economic benefits

- Contribute \$39.4 billion
- Created or supported 450,000 U.S. jobs
- Immigrant startups

In 2016-2017, there was a 3% decline in international graduate applications and 1% decline in first-time international graduate enrollment.



Distribution of First-time International Graduate Enrollment by Selected Field of Study, Fall 2017



A faint, stylized world map in shades of blue, purple, and orange serves as the background for the slide.

Recruiting & Supporting International Students

- A focus on recruitment
- A focus on yield
- A focus on support for current students

International Experiences for U.S. Graduate Students

- Global Perspectives Program – Virginia Tech
- Global Communities of Practice – Emory U
- National Science Foundation (NSF)
 - Graduate Research Opportunities Worldwide (GROW)
 - International Research Experiences for Students (IRES)

EVALUATING INTERNATIONAL RESEARCH EXPERIENCES FOR GRADUATE STUDENTS

A REPORT FROM THE 2016 CGS-NSF-DFG WORKSHOP



“My international experiences completely changed the way I think about science and scientists.”

Kara Spiller, Assistant Professor, Drexel University

“...having had the experience of conducting international research made me more competitive on the job market.”

Penn State PIRE Participant (PhD 2013,
Communication Sciences and Disorders
and Language Science)

Documenting the Value & Impact of International Research & Experience

- Expanded network of collaborators
- Changes in approach to/or conduct of research
- Career pathways
- Global competencies



A PROJECT OF THE COUNCIL OF GRADUATE SCHOOLS

- Builds upon a feasibility study funded by Mellon and the Alfred P. Sloan Foundation (2014), and a planning phase supported by NSF, Sloan and Mellon (2015)
- 61 university partners: 29 funded partners and 32 affiliates

A Learning Outcomes Approach to Research Ethics and International Collaborations?

Research Ethics
Education
in Graduate
International
Collaborations



- Emory University
- Northern Arizona University
- University of Oklahoma
- Virginia Tech

Unanswered Questions, Opportunities and Challenges

- How should learning outcomes be defined and used in an international, collaborative context?
- Do cultural differences (e.g., among student from different countries of origin) in approaches to ethics merit different curricular or co-curricular experiences to achieve the same learning outcomes for all?
- What role can/should graduate students play in working with faculty to identify learning outcomes in new or underdeveloped areas of a graduate program?

Global Summit on Graduate Education

Learn more at www.cgsnet.org/global-engagement



Building Global Competencies on Campus

- Global certificates
- Virtual communities and global classrooms
- Programs to connect international and domestic students:
Promising Pedagogy
- Preparing Future Faculty

Preparing Future Faculty for Inclusive Teaching – Select Resources

- **CIRTL Network's** Online Course, Diversity in the College Classroom.
- The **Inclusive Teaching Network**, a working group of graduate students, postdocs, faculty and staff supported by the Center for Teaching Innovation and Cornell University's CIRTL program.
- The **University of Michigan's** webpage on Inclusive Teaching and Research Strategies.
- **Columbia University's** Guide to Inclusive Teaching

Conclusion: The Road Ahead