

# Pitt Global Analytics and Insights

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# Statement of the Problem

The Vice Provost for Global Affairs had limited information on the University of Pittsburgh's international footprint.

# Solution

The Director of the University Center for International Studies and the Vice Provost for Global Affairs reached out to the Vice Provost for Data and Information to identify a method to gather and display information on the University's global footprint.

# Results

- Public Dashboard
  - High-level aggregated summary data.
  - Based on the security model, accessible to anyone within the University of Pittsburgh.
  - Data
    - Citizenship of international students
    - Destinations of student experiences abroad
    - International certificates awarded
    - Language department course offerings
    - Language department course enrollment
  - Data can be viewed – by country, school, or metric

### Pitt at a glance

**International Students\***

**11,621** International Students from **145** countries since AY2011.

**2,922** International Undergraduate students from **95** countries since AY2011.

**8,631** International Graduate students from **134** countries since AY2011.

**254** International Professional Practice students from **49** countries since AY2011.

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**Study Abroad\***

**12,673** Students have Studied Abroad in **87** countries since AY2012.

**11,167** Undergraduate Students have studied abroad in **85** countries since AY2012.

**1,191** Graduate Students have studied abroad in **53** countries since AY2012.

**16** Prof. Practice Students have studied abroad in **7** countries since AY2012.

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**2,230** International Studies certificates awarded in **13** programs since AY2011.

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**172** **Currently Active** International Agreements with institutions in **44** Countries

**390** **Total** International Agreements with institutions in **66** Countries which were active in or signed after 2011.

Questions? Send an email to [globaldashboard@pitt.edu](mailto:globaldashboard@pitt.edu)

About the Project

Click on the options below to start exploring

By Country

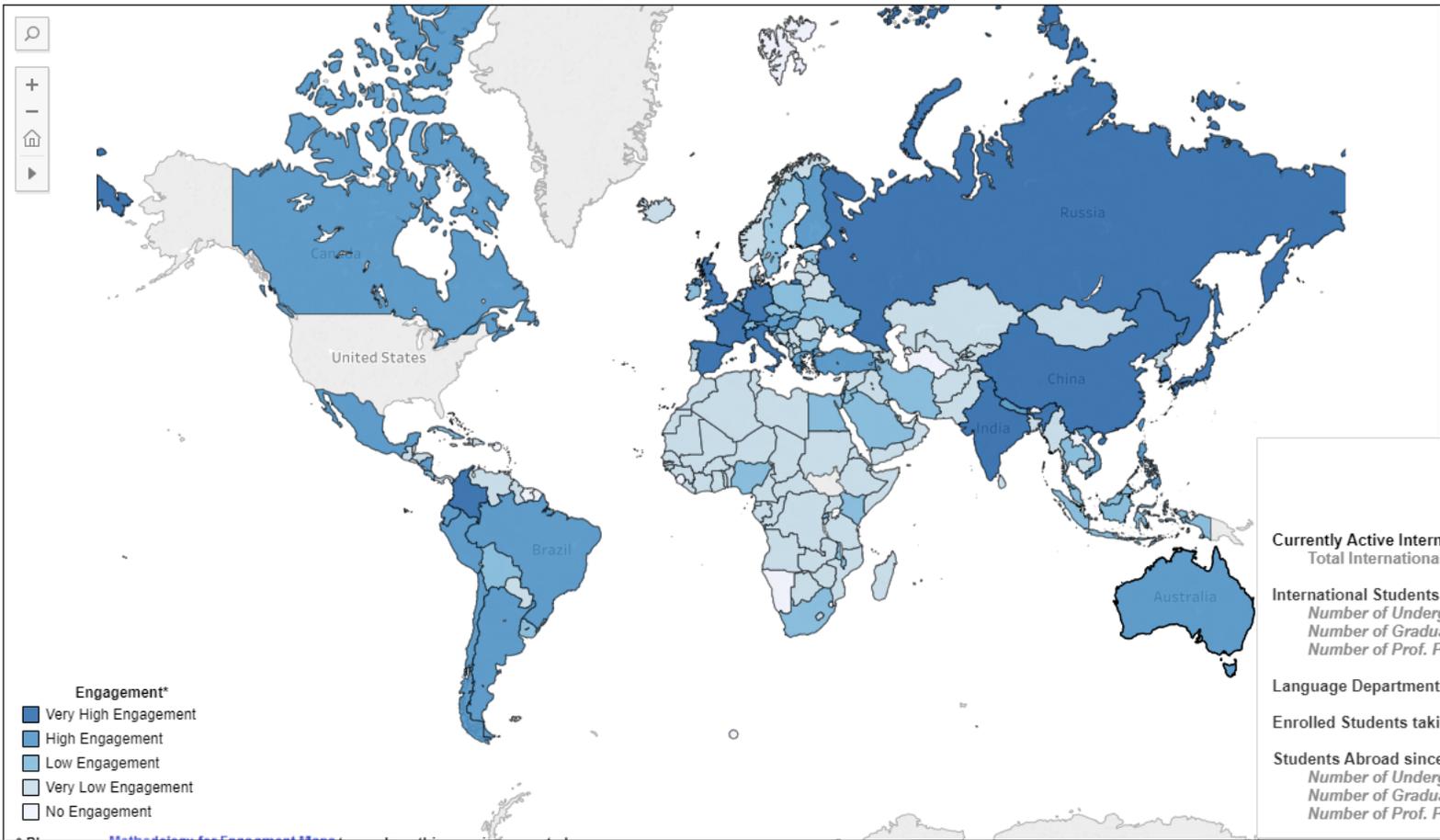
By School

By Metrics

# Overview

To Explore a country either  
- Click on the country on the map  
- Select the country name from the filter and click on the country on the map

Country  
(All)



### Australia

High Engagement

Currently Active International Agreements: 3  
Total International Agreements active during or after 2011: 3

International Students Enrolled at Pitt since AY2011: 31  
Number of Undergraduate Students: 14  
Number of Graduate Students: 16  
Number of Prof. Practice Students: 1

Language Department Course Offerings since AY2011:

Enrolled Students taking a Language Department Course since AY2011:

Students Abroad since AY2011: 532  
Number of Undergraduate Students: 524  
Number of Graduate Students: 3  
Number of Prof. Practice Students:

# PittGlobal Analytics and Insights School Overview

## Graduate School of Public Health

### At a Glance

Select School(s) / Responsibility Center(s) Graduate School of Public Health AY2018 onwards, the School of Information Sciences and School of Computing and Information are grouped together.

**478**  
International Students since AY2011\*

**478**  
International Graduate Students since AY2011\*

**0**  
International Undergraduate Students since AY2011\*

**0**  
International Prof. Practice Students since AY2011\*

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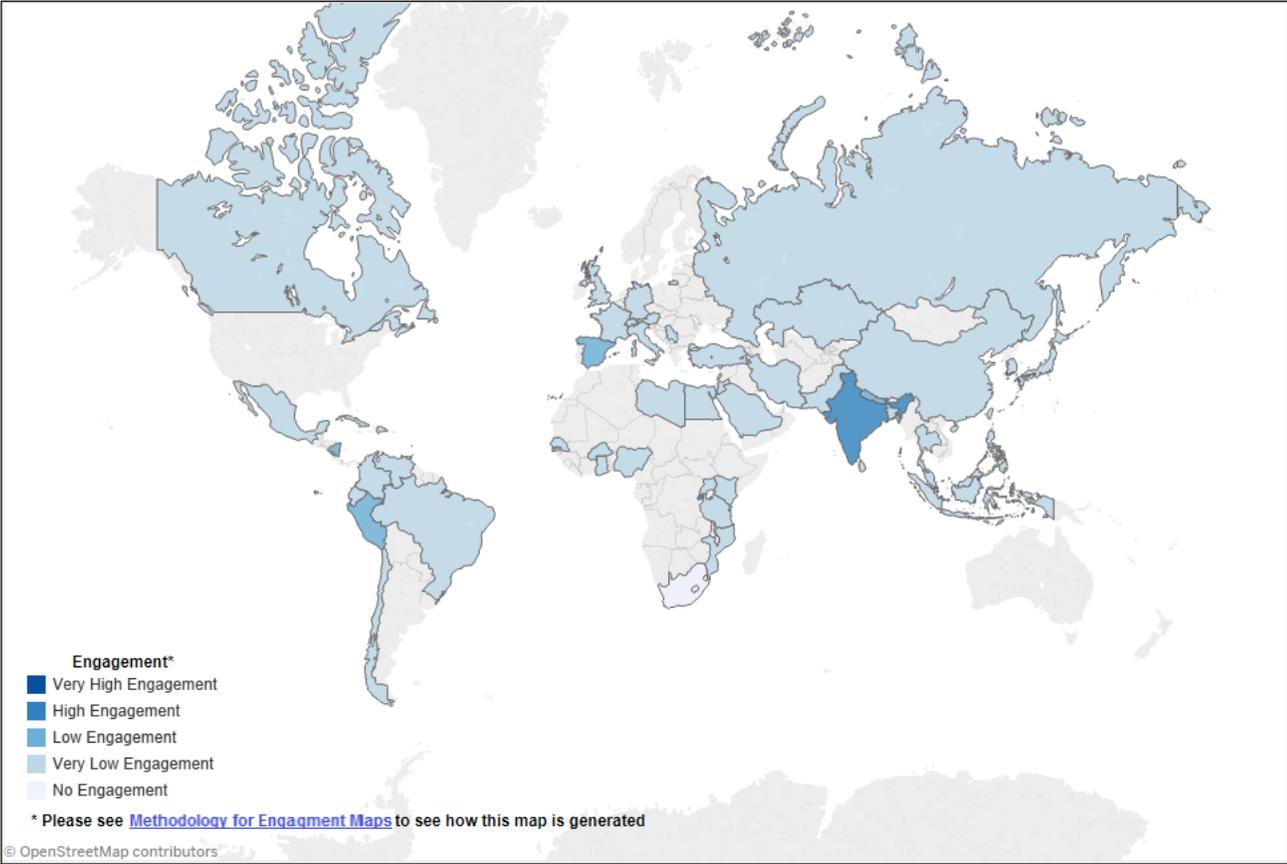
**10**  
Students have Studied Abroad since AY2012\*

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**7**  
Currently active International Agreements

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**20**  
Total International Agreements which were active in or signed after 2011



## All Students

Starting Academic Year

AY2010

Career Level

(All)

Center

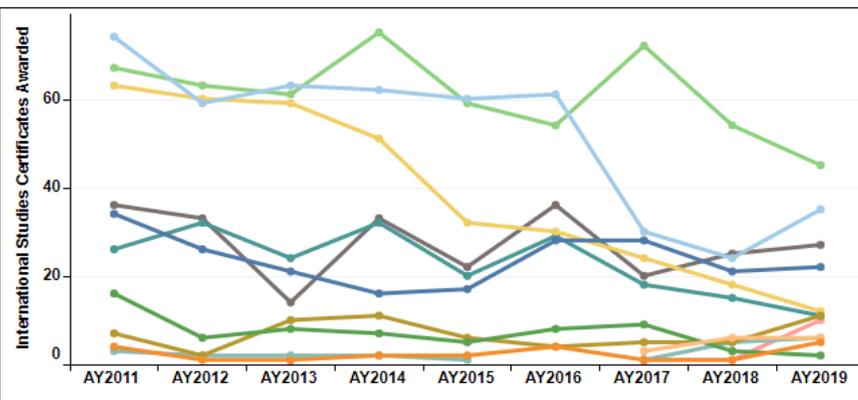
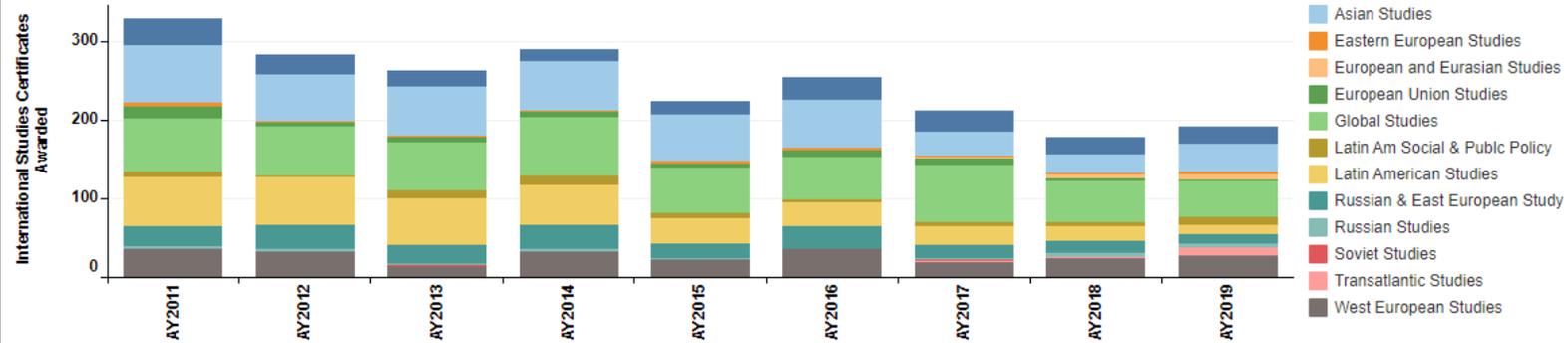
(All)

International Studies Certificates Awarded



Undergraduate Graduate

### Center: All



	Undergraduate	Graduate	Total
Global Studies	473	77	550
Asian Studies	332	136	468
Latin American Studies	278	71	349
West European Studies	222	24	246
African Studies	145	68	213
Russian & East European Study	207		207
European Union Studies	50	14	64
Latin Am Social & Public Policy		61	61
Russian Studies		22	22
Eastern European Studies		21	21
European and Eurasian Studies	15		15
Transatlantic Studies	12		12
Soviet Studies		2	2

\*'European and Eurasian Studies' certificate is included in European Studies Center.

About Data

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# Results

- Non-public Dashboard
  - A more detailed and in-depth view of the data.
  - Because of security concerns, accessible only to Deans, Directors, department chairs, and senior leadership.
  - Compared to public dashboard, includes more data elements – International Agreements and School data.
  - Data
    - Citizenship of international students
    - Destination of student experience abroad
    - International inter-institutional agreements
    - International studies certificates
    - Language department course offerings
    - Language department course enrollment
  - Data can be viewed – by country, school, or metric

# Lessons Learned

- Implement security model from the beginning, rather than trying to incorporate it later on.
- Making the wider University community aware of the tool.

# Next Steps

- Additional data to be ingested
  - City level data for student experiences abroad
  - Employee travel data
  - International employees and visiting scholars
  - Employees who live abroad
  - UPMC locations
  - International components of grants
  - Bibliometric data
- A research topic-based view of the data to see where in world the University is conducting research.

# Who made it happen

- Team

- Amanda Brodish, PhD, Director of Data Analytics
- Mark Weixel, MS, Director of Informatics, University Center for International Studies
- Shrikar Umarji, MS, Office of the Provost, Data Analyst

- Partners

- Heather Lego, Financial Information Systems
- Computer Systems and System Development (Pitt's IT department)