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.

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.

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

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

About the Project

Click on the options below to start exploring

By Country

By School

By Metrics
School Overview

Graduate School of Public Health

At a Glance

478 International Students since AY2011
478 International Graduate Students since AY2011
0 International Undergraduate Students since AY2011
0 International Prof Practice Students since AY2011
10 Students have Studied Abroad since AY2012
7 Currently active International Agreements
20 Total International Agreements which were active In or signed after 2011

Engagement:
- Very high engagement
- High engagement
- Low engagement
- Very low engagement
- No engagement

* Please see Methodology for Engagement Maps to see how this map is generated.
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)