

Student Visa Policy and the Scientific Workforce

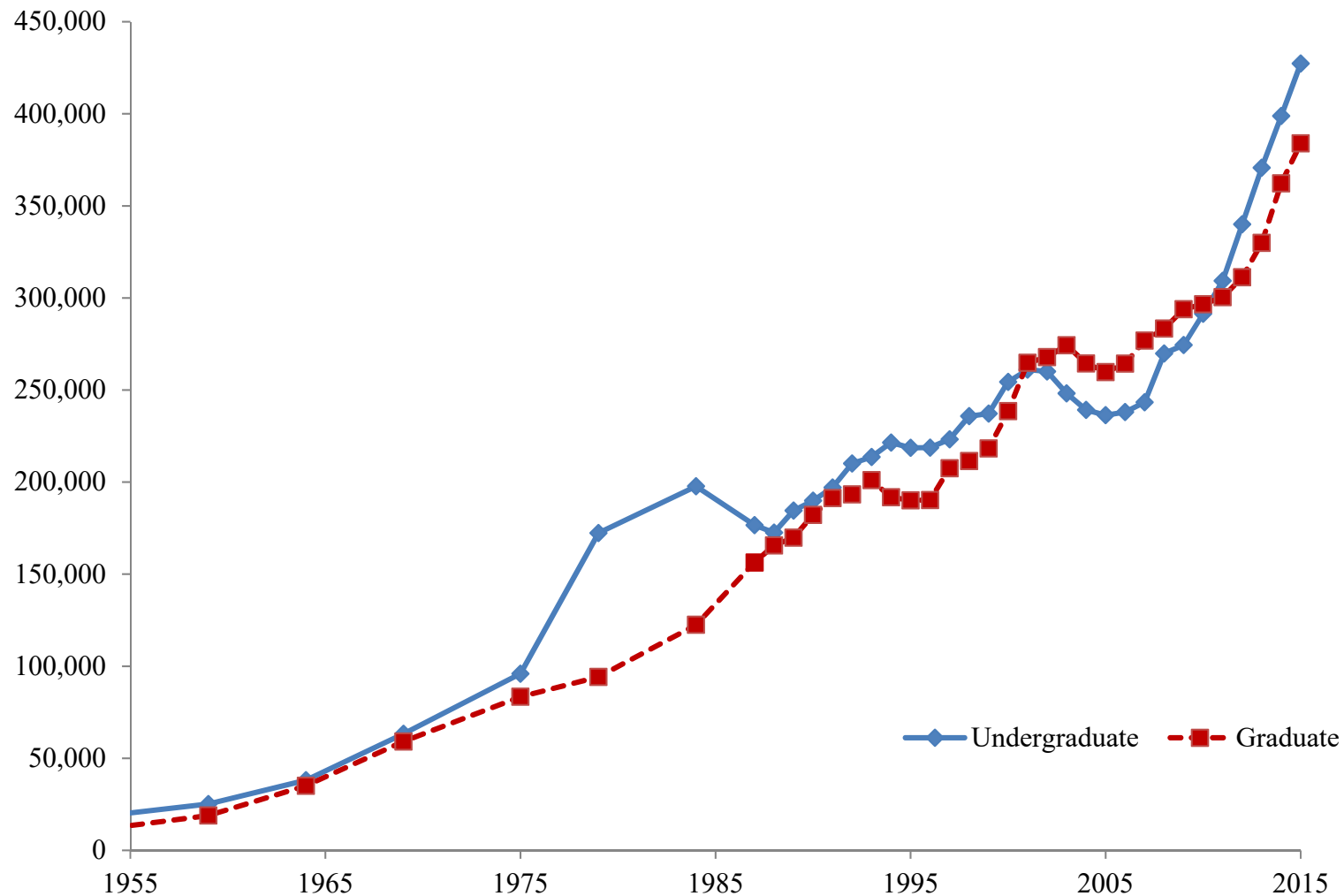
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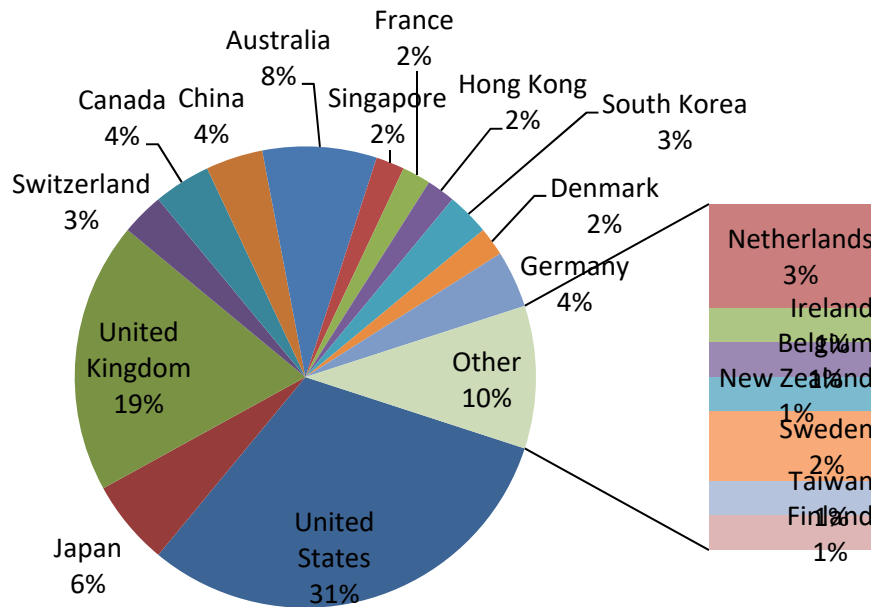
January 2018

Growth of Foreign Undergraduate and Graduate Enrollment



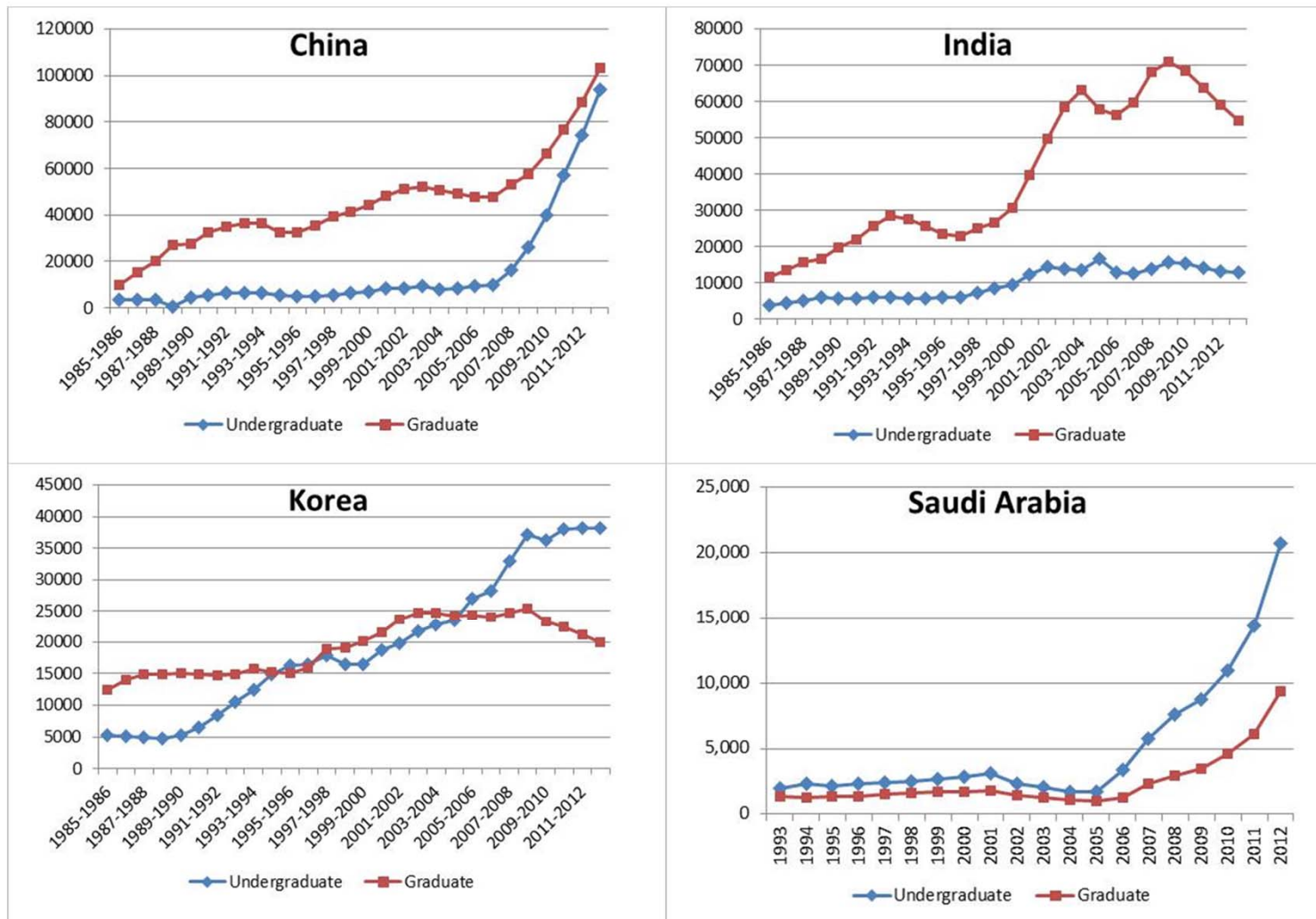
Why study in the U.S?

Top 100 Universities by
Country



- “Supply constraints” in home country
- Potential access to the U.S. labor market
- U.S. & home country factors affect flows
 - Differences by degree level and country

Country and Level of Enrollment



U.S. Higher Education: Significant Gateway Among Foreign-Born HS Workers (Bound & Turner 2013)

	American HS	HS Abroad and American BA		HS and BA Abroad
All BA	0.3	0.15		0.55
Engineers, BA	0.3	0.22		0.48
CS and Math, BA	0.31	0.16		0.53
	American HS	HS Abroad American BA & Highest Degree	HS and BA Abroad and American Highest Degree	HS, BA, and Highest Degree Abroad
All MA	0.24	0.18	0.35	0.23
Engineers, MA	0.19	0.19	0.45	0.17
CS and Math, MA	0.13	0.12	0.51	0.24
All Phd	0.12	0.13	0.47	0.28
Engineers, PhD	0.09	0.08	0.63	0.2
CS and Math, PhD	0.06	0.07	0.62	0.25

Student Visa Policy

Higher Education Visa Policy Parameters -

- F-1 Visas are temporary non-immigrant visas, primary visa for academic study at U.S. colleges and universities
 - Visiting scholars use J-1

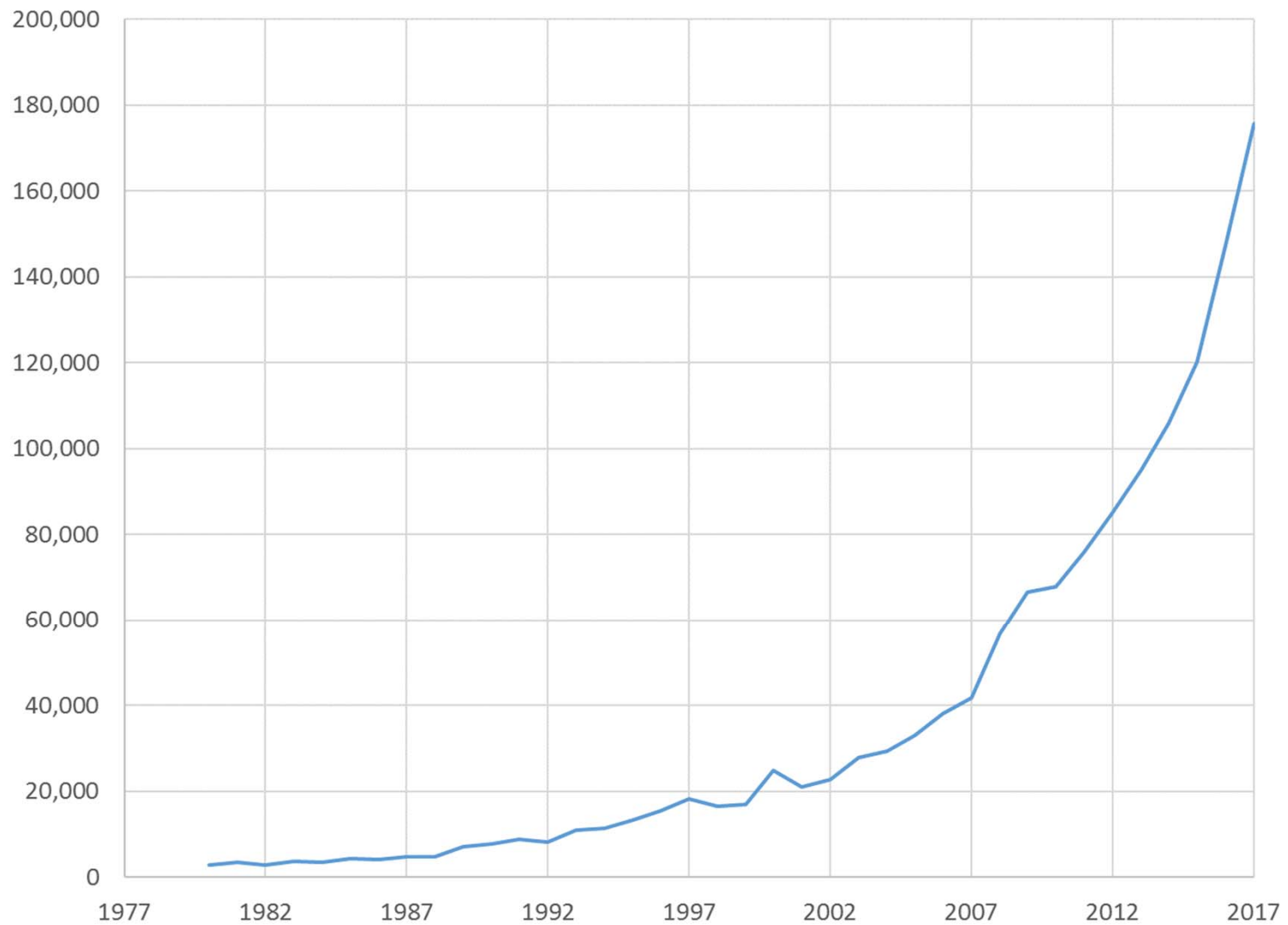
No numerical limits

- Process: Receive offer of admission, university provides I-20, student applies through SEVP
- Differences across countries in renewal and application terms

Moving from U.S. Enrollment to the U.S. Labor Market

- Traditional work visas (H-1B): Numerically limited outside of academia / nonprofit employment (65k+20k US Degree)
- “Short” term extensions via OPT (Optional Practical Training)
 - 1 year
 - 17 month extension for STEM (2008), extended to 24 month (2016) for a total of 3 years

OPT Utilization



Measuring the Impact of Foreign Student Flows

A. Effects on Domestic Students' Outcomes

B. Persistence and Employment in the U.S.

C. Labor Market Outcomes

Policy Frontier

- Policy lacks articulation between education and labor market policies;
 - With the vast (and growing) coverage of F-1 student visas, need to distinguish among degree programs and individuals to better identify individuals with exceptional skills in awarding (renewing) work visas.
- Policy design requires better access to administrative data on transitions to work visas and OPT, persistence in the U.S. S&E labor market and employment outcomes.
 - Such data "exist" but are not available to either policy makers or researchers.
- Using data to identify abuse will strengthen the integrity of the student visa mechanism and enhance the benefits associated with foreign student persistence in the U.S. labor market.

USCIS, ICE, SEVP, LCA

Lots of Data! Just not connected

Department of Homeland Security U.S. Immigration and Customs Enforcement		I-20, Certificate of Eligibility for Nonimmigrant Student Status OMB NO. 1653-0038																
SEVIS ID: N0004705859																		
SURNAME/PRIMARY NAME Sample STEM PREFERRED NAME COUNTRY OF BIRTH UNITED KINGDOM DATE OF BIRTH 05 FEBRUARY 1987 FORM ISSUE REASON CONTINUED ATTENDANCE		GIVEN NAME Student PASSPORT NAME COUNTRY OF CITIZENSHIP UNITED KINGDOM ADMISSION NUMBER LEGACY NAME																
SCHOOL INFORMATION SCHOOL NAME SEVP School for Advanced SEVIS Studies SEVP School for Advanced SEVIS Studies SCHOOL OFFICIAL TO CONTACT UPON ARRIVAL Helene Robertson PDSO PROGRAM OF STUDY EDUCATION LEVEL BACHELOR'S NORMAL PROGRAM LENGTH 24 Months PROGRAM START DATE 01 SEPTEMBER 2011 PROGRAM END DATE 30 MAY 2015 FINANCIALS ESTIMATED AVERAGE COSTS FOR: 4 MONTHS <table border="1"> <tr> <td>Tuition and Fees</td> <td>2</td> <td>1</td> </tr> <tr> <td>Living Expenses</td> <td>2</td> <td>2</td> </tr> <tr> <td>Expenses of Dependents (0)</td> <td>2</td> <td>2</td> </tr> <tr> <td>Expense, Other, Remarks</td> <td>2</td> <td>4</td> </tr> <tr> <td>TOTAL</td> <td>2</td> <td>10</td> </tr> </table> REMARKS Finished program - applying for OPT		Tuition and Fees	2	1	Living Expenses	2	2	Expenses of Dependents (0)	2	2	Expense, Other, Remarks	2	4	TOTAL	2	10	CLASS F-1 ACADEMIC AND LANGUAGE	
Tuition and Fees	2	1																
Living Expenses	2	2																
Expenses of Dependents (0)	2	2																
Expense, Other, Remarks	2	4																
TOTAL	2	10																

Department of Homeland Security
U.S. Citizenship and Immigration Services

OMB No. 1615-0046 Expires 02/28/2012
**I-765, Application for
Employment Authorization**

Do not write in these blocks.

Case ID #	Action Block	Fee Stamp
A #		
G-28 #		

The petition is approved for status under Section 101(a)(5)(K). It is valid for four months from the date of action.

Remarks:

AMCON: ☐ Personal Interview ☐ Previously Forwarded
☐ Document Check ☐ Field Investigation

Part A. Start Here. Information about you.

- Name (Family name in CAPS) (First) (Middle)
- Address (Number and Street) Apt. #
(Town or City) (State or Country) (Zip/Postal Code)
- Place of Birth (Town or City) (State/Country)
- Date of Birth (mm/dd/yyyy) 5. Gender
☐ Male ☐ Female
- Marital Status
☐ Married ☐ Single ☐ Widowed ☐ Divorced
- Other Names Used (including maiden name)
- U.S. Social Security Number 8b. A# (if any)
- Names of Prior Spouses Date(s) Marriage(s) Ended
- My citizenship was acquired through (check one)
☐ Birth in the U.S. ☐ Naturalization
Give number of certificate, date and place it was issued.
☐ Parents
Have you obtained a certificate of citizenship in your name?
☐ Yes ☐ No
If "Yes," give certificate number, date and place it was issued.
- Have you ever filed for this or any other alien fiancé(e) or husband/wife before?
☐ Yes ☐ No
If "Yes," give name of all aliens, place and date of filing, A# and result. (Attached additional sheets as necessary.)

Part B. Information about your alien fiancé(e).

- Name (Family name in CAPS) (First) (Middle)
- Address (Number and Street) Apt. #
(Town or City) (State or Country) (Zip/Postal Code)
- Place of Birth (Town or City) (State/Country)
- Country of Citizenship
- Date of Birth (mm/dd/yyyy) 5. Gender
☐ Male ☐ Female
- Marital Status
☐ Married ☐ Single ☐ Widowed ☐ Divorced
- Other Names Used (including maiden name)
- U.S. Social Security # 9. A# (if any)
- Names of Prior Spouses Date(s) Marriage(s) Ended
- Has your fiancé(e) ever been in the U.S.? ☐ Yes ☐ No
- If your fiancé(e) is currently in the U.S., complete the following:
He or she last arrived as a: visitor, student, exchange alien, crewman, stowaway, temporary worker, without inspection, etc.)
Arrival/Departure Record (I-94) Number
Date of Arrival (mm/dd/yyyy) Date authorized stay expired, or will expire as shown on I-94 or I-95

INITIAL RECEIPT RESUBMITTED RELOCATED Rec'd Sent COMPLETED App'd Denied Ref'd

Form I-765 (04/07)

Department of Homeland Security
U.S. Citizenship and Immigration Services

OMB No. 1615-0001; Expires 02/28/2012
**I-129F, Petition
for Alien Fiancé(e)**

Do not write in these blocks.

Case ID #	Action Block	Fee Stamp
A #		
G-28 #		

The petition is approved for status under Section 101(a)(5)(k). It is valid for four months from the date of action.

Remarks:

AMCON: ☐ Personal Interview ☐ Previously Forwarded
☐ Document Check ☐ Field Investigation

Part A. Start Here. Information about you.

- Name (Family name in CAPS) (First) (Middle)
- Address (Number and Street) Apt. #
(Town or City) (State or Country) (Zip/Postal Code)
- Place of Birth (Town or City) (State/Country)
- Date of Birth (mm/dd/yyyy) 5. Gender
☐ Male ☐ Female
- Marital Status
☐ Married ☐ Single ☐ Widowed ☐ Divorced
- Other Names Used (including maiden name)
- U.S. Social Security Number 8b. A# (if any)
- Names of Prior Spouses Date(s) Marriage(s) Ended
- My citizenship was acquired through (check one)
☐ Birth in the U.S. ☐ Naturalization
Give number of certificate, date and place it was issued.
☐ Parents
Have you obtained a certificate of citizenship in your name?
☐ Yes ☐ No
If "Yes," give certificate number, date and place it was issued.
- Have you ever filed for this or any other alien fiancé(e) or husband/wife before?
☐ Yes ☐ No
If "Yes," give name of all aliens, place and date of filing, A# and result. (Attached additional sheets as necessary.)

Part B. Information about your alien fiancé(e).

- Name (Family name in CAPS) (First) (Middle)
- Address (Number and Street) Apt. #
(Town or City) (State or Country) (Zip/Postal Code)
- Place of Birth (Town or City) (State/Country)
- Country of Citizenship
- Date of Birth (mm/dd/yyyy) 5. Gender
☐ Male ☐ Female
- Marital Status
☐ Married ☐ Single ☐ Widowed ☐ Divorced
- Other Names Used (including maiden name)
- U.S. Social Security # 9. A# (if any)
- Names of Prior Spouses Date(s) Marriage(s) Ended
- Has your fiancé(e) ever been in the U.S.? ☐ Yes ☐ No
- If your fiancé(e) is currently in the U.S., complete the following:
He or she last arrived as a: visitor, student, exchange alien, crewman, stowaway, temporary worker, without inspection, etc.)
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Date of Arrival (mm/dd/yyyy) Date authorized stay expired, or will expire as shown on I-94 or I-95

INITIAL RECEIPT RESUBMITTED RELOCATED Rec'd Sent COMPLETED App'd Denied Ref'd

Form I-129F (Rev. 12/13/10) Y

Potential to Improve Oversight

School Name	# of foreign students
Academy of Art University	6,953
Nobel University	2,893
Pensacola Christian College, Inc.	1,859
Full Sail University	1,457
Northwestern Polytechnic University	1,241
World Christian	1,208
Miami Internati	1,199
American Inter	1,150
American College	996
Shepherd Unive	986
Mountain State University	985
California College of the Arts	977
Horizon Institute	962
Johnson & Wales University, Florida	933
California International Business University	927
New York Film Academy	925
Prodee University	902
Washington Baptist University	816
Bethesda University	811
Everest University	804
La Sierra University	776
DigiPen Institute of Technology	756
Georgia Christian University	685
Virginia International University	675
Houston Community College System	673
North American University	624
Strayer University	620
Lincoln University	597
Ezra University	587
California State University Monterey ..	585
Soka University of America	565
Davenport University, Grand Rapids	534
EFAP New York, Ecole Francaise des At..	519

Unmatched in IPEDS
Files

THE CHRONICLE
of Higher Education

GLOBAL

Little-Known Colleges Exploit Visa Loopholes to Make Millions Off Foreign Students



By Tom Bartlett, Karin Fischer, and Josh Keller | MARCH 20, 2011

Early on a Friday morning, four college students stand shivering in the parking lot of an office complex in Sterling, Va. The building itself is unremarkable, red brick and dark glass, but security cameras are bolted to the walls, cement posts line the perimeter, and coils of concertina wire surround the trash bins. This is a branch of U.S. Immigration and Customs Enforcement, the investigative arm of the U.S. Department of Homeland Security.

The students arrived more than an hour early for their appointment. They haven't slept or eaten in two days, passing time instead by obsessively organizing their documents and drinking cup after cup of strong black tea. Their eyelids are at half-mast, their hands shoved in jacket pockets. They are all Indian, all from the city of Hyderabad, and all possibly in deep trouble.

Karen Kasmauski for The Chronicle
A federal raid on Tri-Valley U., which investigators say took foreign students' money in exchange for enabling them to work, has put the university's 1,500 students in limbo. Above, four students wait to be interrogated by immigration agents at an office in Northern Virginia.

These students, like roughly 1,500 others from India, were enrolled at Tri-Valley University, a California institution that was raided by federal agents in January. The government seized property, threatened to deport students, and in legal filings called Tri-Valley a "sham university" that admitted and collected tuition from foreign students but didn't require them to attend class. (The president of Tri-Valley, Susan Xiao-Ping Su, denies the charges.) Many students allegedly worked full-time, low-level retail jobs—in one case, at a 7-Eleven in New Jersey—that were passed off as career training so they could be employed while on student visas. The university listed 553 students as living in a single two-bedroom apartment near the college; in fact, students were spread out across the country, from Texas to Illinois to Maryland.

Research and Policy Opportunity

Develop opportunities for researchers and policymakers to make use of administrative data

Benefits:

- Better evidence on persistence of who stays
- Measurement of impacts on economy and domestic workers
- Potential for improved policy design and implementation