

2018-2019 Report on International Activity

University of Florida International Center
Office for Global Research Engagement

Supporting Faculty to Build Knowledge Globally



University of Florida International Center

The OFFICE FOR GLOBAL RESEARCH ENGAGEMENT (OGRE) facilitates international research to increase UF's global presence. OGRE supports faculty to advance international research.

In pursuit of international research excellence, our role is to:

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- **CONNECT** faculty, students, and staff with those who share research interests and are interested in working in similar countries or regions.
- **FOSTER** research networks for internationally focused communities of practice.
- **EXPAND** UF's knowledge and capacity in working in international venues.
- **ASSIST** faculty, students, and staff in identifying sponsored research opportunities and programs.
- **FACILITATE** the process of navigating the UF administrative process for conducting international research.
- **SUPPORT** Fulbright visiting scholars at UF, and UF scholars travelling abroad.

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SUPPORTING FACULTY TO BUILD KNOWLEDGE GLOBALLY.



2018/2019

Herbert Wertheim

College of Engineering

UF International Center Report on International Activity

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1. INTRODUCTION

This report documents international activity at the University of Florida. The 2018/2019 update presents the global footprint for the Herbert Wertheim College of Engineering for the academic year. Similar to last year, the data summarize a considerable volume of international activity and continues to

be testimony to the University of Florida's and the college's commitment to international research, education, and international exchange.

The University of Florida International Center is honored to serve and support the university community's global engagements. Our programs bridge the international community to the gator community whether it is here on UF's campus or at destinations around the globe.

in numero

Herbert Wertheim College of Engineering

- 47 total agreements in 21 countries.
- 91 awards for an estimated \$33.8 million in sponsored activity.
- 230 International Visiting Scholars from 24 countries.
- 4,460 international applications from 109 countries.
- 1,569 international students enrolled in classes in Fall 2018.
- 1,265 students registered in OPT.
- 277 students studied abroad.
- 32 students are working toward their international scholar's commencement medallion.
- International Center awarded 2 grants for faculty and staff to attend internationally themed conferences.
- Two doctoral students received travel stipends through the Research Abroad for Doctoral (RAD) students program.
- Faculty, students, and staff made 479 trips to 61 countries.

The intent of this report is to showcase and highlight the extent and reach of UF's and the Herbert Wertheim College international activity in one inclusive review. In full, the report documents the College's commitment to international partnerships, faculty research tied to global and international themes, the investment into faculty development programs, the number of international visitors working and studying in the college, the number of international students enrolled in college programs, the extent of applications for programs from students worldwide, the number of engineering students who participate in study abroad programs, engineering faculty benefiting from International Center sponsored programs, and a summary of where college faculty, students and staff are travelling. These activities contribute to a fundamental university goal to prepare our students to navigate the increasingly complex challenges of a globalized world.

The data represent a snapshot of international activity captured in August 2019. For many categories, the numbers fluctuate throughout the year; for example, the number of formal agreements with foreign institutions

changes daily as new partnerships are introduced and others expire. Data for sponsored funding does not report proposals in the review stages; and therefore, the dollar value may be underrepresented. For some data, such as for international student applications and the number of international students, the report captures Fall semester numbers to avoid double counting and redundancies. Clearly, as a preeminent public university, and especially for a unit with the scope of this college, faculty engage in research and international collaborative activity that is, by its size, a challenge to document. For this reason this report cannot be comprehensive of all international activity; however, the report provides a benchmark from which we can begin to measure our global reach. Indeed, every indication suggests the gator nation extends substantially to the wider global community.

2. INTERNATIONAL AGREEMENTS

The University of Florida connects to the world's best international universities and institutions through formal partnership agreements. These agreements facilitate research among faculty; enable faculty and student exchanges; protect intellectual property; and serve as a basis for ensuring ethical best practice. The relationships that may flourish as a result of these agreements is an important desired outcome of our internationalization efforts.

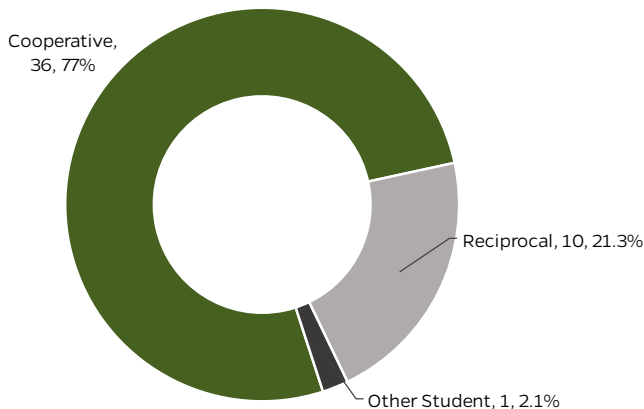
The University of Florida manages 517 different agreements. The majority fall under two broad categories of Agreements – Cooperative and Reciprocal. The Cooperative Agreements are as diverse as the needs of our faculty. They represent collaborative partnerships and do not represent a legal relationship. Often they start as a one-to-one collaboration with a UF partner and over the

in numero

Herbert Wertheim College of Engineering

- 47 total agreements in 21 countries.
- 36 Cooperative Agreements (77%) in 17 countries.
- 10 Reciprocal Agreements (22%) in 7 countries.
- One student agreement in China.

Figure 2-1: Herbert Wertheim College of Engineering



“Other Student” category. Additionally, the UF Office of Research oversees agreements that cover international collaboration tied to clinical trial studies, data confidentiality and non-disclosure agreements and contracts, and memos of understanding with international third party collaborators.

The Agreement database is dynamic. On a regular basis, the International Center enters into new agreements, updates existing partnerships, and terminates those that are expired or no longer relevant. The data tabulated in this report represents the UF Agreements for the 2018/2019 academic year.

length of the agreement result in meaningful scholarly partnerships. The second largest type of agreements are Reciprocal Agreements that are a true exchange program where students from each institution spend time at the host institution as a non-degree seeking student. On occasion, special agreements are facilitated among universities to accommodate unique circumstances for student exchanges which are included in the

Faculty and staff in the College are involved with 47 different agreements. More than three quarters are Cooperative and twenty percent are Reciprocal. The college has one agreement in China designed for student special exchanges.

Table 2-1: Number of Agreements by College/Unit

College/Unit	UFIC Administered Agreements			Office of Research Agreements				Percent of All Agreements
	Cooperative	Reciprocal	Other Student	Clinical Trial Agreement	Confidentiality Non-Disclosure	Contract	Other	
Arts	4	-	-	-	-	-	-	0.8
Business, Warrington College	1	39	-	-	-	-	1	7.9
Center for Latin American Studies	26	-	-	-	-	-	-	5.0
Design, Construction and Planning	18	5	-	-	-	-	1	4.6
Education	4	-	1	-	-	-	-	1.0
Emerging Pathogens Institute	6	-	-	-	-	-	-	1.2
Engineering, Herbert Wertheim College	36	10	1	-	-	-	-	9.1
Florida Museum of Natural History	2	-	-	-	-	-	12	2.7
Health and Human Performance	15	4	-	-	-	-	-	3.7
Institute of Food and Agricultural Sciences	96	6	8	1	-	2	2	25.0
Journalism and Communications	2	1	-	-	-	-	-	0.6
Law, Fredric G. Levin College	2	3	-	-	-	-	-	1.0
Liberal Arts and Sciences	30	28	2	-	-	-	-	11.6
Medicine	14	-	-	66	15	1	-	18.6
Nursing	1	-	-	-	-	-	-	0.2
Pharmacy	8	1	-	-	-	-	-	1.7
Public Health and Health Professions	7	1	-	-	-	-	-	1.5
Type One Centers	-	-	-	-	-	1	-	0.2
University Wide (International Center, Office of Research, Graduate School)	12	3	-	-	-	1	-	3.1
Veterinary Medicine	2	-	-	-	-	-	1	0.6
TOTAL	286	101	12	67	15	5	31	100%

At UF, the geographic diversity of agreements is generally tied to the size of the unit (Table 2-2). The Herbert Wertheim College has established agreements in 21 different countries. Agreements are dispersed relatively equally among the countries, with Italy and India having the largest number 6 or (13%) each. The list of all Herbert Wertheim College of Engineering agreements is included in Appendix I of this report.

Figure 2-2: Agreements with Herbert Wertheim College of Engineering



Table 2-2: Geographic Diversity of Agreements by College and Unit

College/Unit	Number of Agreements	Number of Countries
Arts	4	4
Business, Warrington College	41	23
Center for Latin American Studies	26	9
Design, Construction and Planning	24	13
Education	5	2
Emerging Pathogens Institute	6	5
Engineering, Herbert Wertheim College	47	21
Florida Museum of Natural History	14	13
Health and Human Performance	20	11
Institute of Food and Agricultural Sciences	129	48
Journalism and Communications	3	3
Law, Fredric G. Levin College	5	5
Liberal Arts and Sciences	60	29
Medicine	96	26
Nursing	1	1
Pharmacy	9	9
Public Health and Health Professions	8	6
Type One Centers	1	1
University Wide (International Center, Office of Research, Graduate School)	16	12
Veterinary Medicine	3	3

3. INTERNATIONAL SPONSORED PROJECTS

in numero

Herbert Wertheim College of Engineering

- 91 awards with an international focus.
- Estimated \$33.8 million in sponsored research generated at UF.
- 93% of all funding is from domestic sources.
- Domestic sources fund \$31.4 million and 76 awards of international sponsored activity.
- U.S. Federal Agencies generate \$27.9 million for 61 awards representing 89% of the college's domestic funding and 83% of all sponsored activity.
- International sponsored activity have connections in 26 countries.
- \$50,000 in two projects granted sub awards to the Indian Institute of Technology.

The data representing sponsored activity include projects that have an international connection. These might include projects funded by international and domestic funders for activities – research, teaching and engagement abroad, or with international partners. Some awards included in this list might also fund non international activities; however, if the prime funder is not located in the U.S., then the project is classified as international. In addition to reporting projects with direct ties to international activity (both domestic and international), the report also includes a summary of sponsored projects that have a foreign sub-award where UF is funding international collaborators.

Defining International Awards

The report summarizes sponsored project activity in an attempt to document the impact of sponsored international work at UF. The list of sponsored projects includes all active and expired projects during the 2018/2019 academic year. For many awards, it is not always clear which can be defined as international. Although the Office of Research attempts to isolate international research, often faculty who study foreign cultures, conduct fieldwork abroad, partner with international collaborators, or depend on international data, do not identify their proposed research as “international” when they submit their proposal to UFIRST -- the university proposal and award management system. As a result, the summary presented here is not a comprehensive list, but a baseline, that allows us to begin to document the amount of funding generated by the college to support international research.

The list of sponsored projects includes all active and expired projects. The amount reported is the full project dollar award which can span multiple academic years. It is only a snapshot of sponsored activity at the University of Florida.

Purpose of Sponsored Activity

When principal investigators report on their project, they are not required to identify the key purpose of focus of the international activity. Therefore, to numerically quantify the types of projects that have an international purpose, we reviewed the titles and any narrative in the UFIRST data. We identified 6 broad categories, and one catchall labeled as “other”. For many awards, the following categories overlap; and therefore, we made a best approximation for how to categorize the activity according to the following designations.

1. **Country Specific Research.** The award is tied to a theme or topic that is international or global. Specifically, the subject matter includes a focus on a country or culture outside of the U.S. For example, travel to an international field site, or focus on a particular physical or cultural attribute of a country or region outside of the U.S. The source of funding could be both domestic and international.
2. **Research Collaborative Activity.** The award supports activities that enable collaboration with researchers or sponsors abroad. The source of funding could be both domestic and international.
3. **Travel.** The award supports travel to international conferences, training, workshops, and meetings. The source of funding could be both domestic and international.
4. **Student Support.** The award supports international student travel or a stipend for an international student coming to UF. The source of funding could be both domestic and international.
5. **Patient Recruitment or Clinical Trials.** Includes medicine/pharmacy studies that include overseas patients. The source of funding could be both domestic and international.
6. **Foreign Funder.** Projects regardless of topic, but are funded by a non-domestic funder. Projects listed in this category do not have a clear international focus, but because funded by a foreign source of funds are included in this list.
7. **Other.** Designated for awards where it was not possible to categorize the international focus based on the title or UFIRST international designation. The source of funding could be both domestic and international.

A large value of projects, 57%, could not be coded according to the six classifications and are grouped under “Other”. These would include projects where the investigator did not specify a purpose and we could not identify one based on the title of the project. Supporting research initiatives, the two categories of “Country Specific Research” and “Research Collaborative Activity” accounts for 23% of college sponsored international activity; that is, 26 projects worth \$7.8 million. Almost all (98%) funding for “Research Collaborative Activity” is from domestic sources. Slightly more than half (57%) of the “Country Specific Research” projects are funded by domestic sources and 43% by foreign sources. Domestic funding support travel awards and student support (Table 3-1).

Table 3-1: Primary Focus of International Awards in the College of Engineering

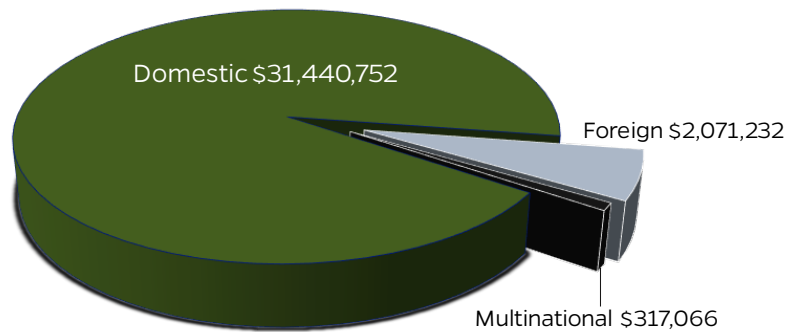
Category	Number of Projects	Amount Funded	Percent of Total \$ Value	Percent of Funding from Domestic Sources
Other and Not Specified	42	19,362,348	57.2	100.0
Research Collaborative Activity	16	5,530,723	16.4	98.4
Travel	12	4,611,683	13.6	100.0
Country Specific Research	10	2,303,718	6.8	57.0
Foreign Funder	9	1,307,699	3.9	0.0
Student Support	2	712,879	2.1	100.0
TOTAL	91	33,829,050	100%	92.9%

* Funding from domestic sources.

Domestic vs. Foreign

- The largest proportion of funding, 76 awards and 93% of the dollar value (\$31,440,752) is from U.S. domestic sources.
- Foreign and multinational sources provide funding valued at \$2,388,298, representing 7% of the value of all international awards, funding 15 projects.

Figure 3-1: Domestic vs. Foreign Awards



Types of Sponsors

Various types of sponsors fund projects at the University of Florida. For the purpose of the analysis, the report classifies sponsors according to three broad categories with sub groupings as follows:

Domestic:

- U.S. Federal Agency
- U.S. Not-for-Profit Organization
- U.S. University
- U.S. Corporation
- U.S. Government (Non-Federal)
- UF and UF Foundation

Foreign:

- Foreign Not-for-Profit Organization
- Foreign Corporation
- Foreign University
- Foreign Government

Other:

- Multi National Not-for-Profit Organization
- Multiple Sponsors

These classifications allow us to better summarize how international activity at UF is funded from outside sources; including government, private sector, not-for-profits and universities. The following trends can provide strategic insight into how to develop a more meaningful global footprint through funded research and other sponsored activity (Figure 4; Table 3-2).

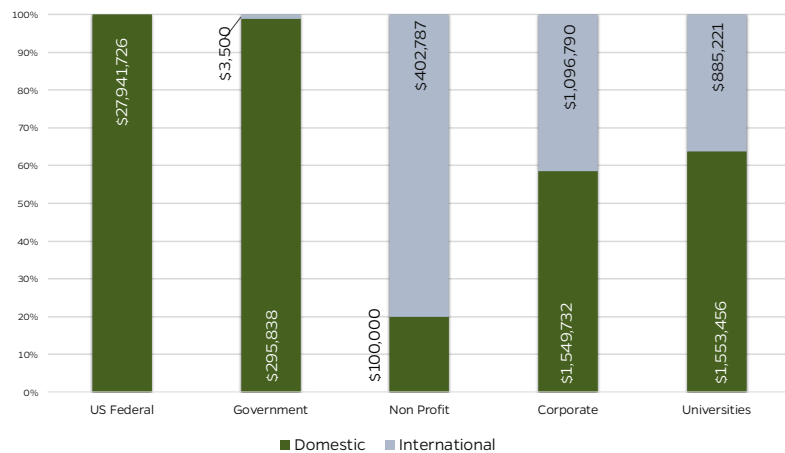
Public Sector (Government)

- All public sector awards, both foreign and domestic generate \$28.2 million with 63 grants.
- Grants and contracts with U.S. federal agencies, such as the National Science Foundation and the National Institutes of Health, USAID, and others represent 82.6% of all funding and fund 61 projects valued at \$27.9 million.
- Of all domestic funding for international activity, federal agency funds represent 89% of *domestic sourced* awards.
- Foreign governmental offices funded 1 project valued at \$3,500.

Not-for-Profit Sector

- The not-for-profit sector, including, foreign, domestic, and multinational generate \$502,787 for 4 projects. This represents a small portion of all funding, approximately 1.5% of the value of all awards.
- Foreign not for profit organizations generate funding for three projects valued at \$402,787; and domestic not-for-profit organizations fund one project valued at \$100,000.
- UF and the UF Foundation fund one project at \$36,639.

Figure 3-2: Dollar Value of Domestic vs. International Funding for College of Engineering Sponsored International Activity



Private Sector

- Private companies (foreign and domestic) provide \$1,545,249 in funding for 10 projects. This represents 5% of the total dollar value of all sponsored international activity.
- Foreign and domestic corporations each fund five projects; however, domestic sources fund 75% of the dollar value of these awards.

Universities

- Subcontracts with U.S. and foreign universities is \$2.4 million for 12 projects.

Table 3-2: Source of Funds for International Sponsored Activity

Type of Sponsor	Dollar Value of Awards	Percent of Total Dollar Value	Total Number of Awards
Foreign Not-for-Profit Organization	85,721	0.3	1
Foreign Corporation	1,096,790	3.2	8
Foreign University	885,221	2.6	3
Foreign Government	3,500	0.01	1
Multi National Not-for-Profit Organization	317,066	0.9	2
US Federal Agency	27,941,726	82.6	61
US Government (non federal)	295,838	0.9	1
US Not-for-Profit Organization	100,000	0.3	1
US University	1,517,087	4.5	8
US Corporation	1,549,732	4.6	4
UF and UF Foundation	36,369	0.1	1
TOTAL	33,829,050	100%	91

Awards by College

To the best of our ability to document international research, UF has 594 separate active, expired, and terminated awards totaling \$281,414,012 for the 2018/19 academic year. Of all funding, 75 percent is from four units – Institute of Food and Agricultural Sciences, College of Liberal Arts and Sciences, the Herbert Wertheim College of Engineering and the College of Medicine.

The average size of award varies across units. The Graduate School, Office of Research and the Warrington College of Business have relatively fewer awards but of higher dollar value. The Florida Museum of Natural History, College of Pharmacy, College of Public Health and Health Professions, the Institute of Food and Agricultural Sciences and the College of Liberal Arts and Sciences all have awards that average greater than \$500,000. The average dollar value of an award in the College of Engineering is \$371,748.

Table 3-3: Awards by College

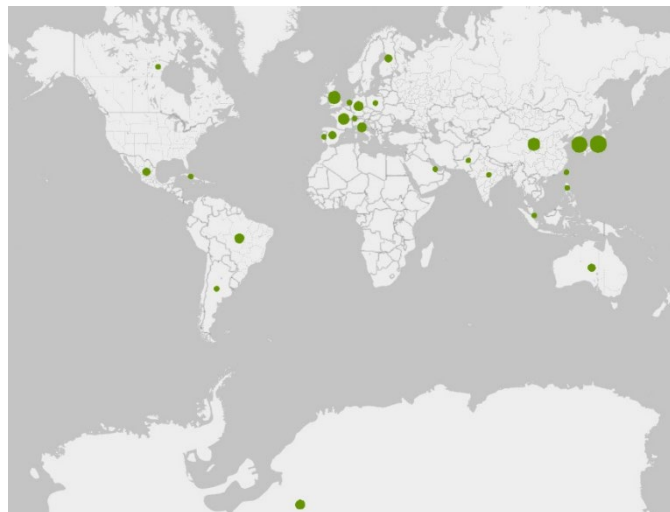
College/Unit	Total Funded		Number of Awards	Average \$ size of Award
	Amount Funded	Percent of Total		
Institute of Food and Agricultural Sciences	105,168,005	35.6	170	618,635
Liberal Arts and Sciences	63,321,606	21.5	122	519,030
Engineering, Herbert Wertheim College	33,829,050	11.5	91	371,748
Medicine	21,460,572	7.3	72	298,064
Florida Museum of Natural History	14,978,142	5.1	15	998,543
Public Health and Health Professions	12,104,527	4.1	22	550,206
Pharmacy	9,623,927	3.3	16	601,495
Office of Research	9,416,937	3.3	10	941,694
Veterinary Medicine	7,990,362	2.7	23	347,407
Type One Centers	5,888,971	2.0	18	327,165
Graduate School	5,239,218	1.8	2	2,619,609
Business, Warrington College	1,397,728	0.5	2	698,864
International Center	1,379,921	0.5	3	459,974
Health and Human Performance	1,230,524	0.4	9	136,725
Education	876,686	0.31	3	292,229
University Libraries	394,577	0.1	3	131,526
Design, Construction and Planning	365,111	0.1	6	60,852
Nursing	280,898	0.1	1	280,898
Journalism and Communications	48,137	0.02	3	16,046
Arts	38,669	0.01	2	19,335
Dentistry	8,500		1	8,500
Law, Levin College				
TOTAL	295,042,068	100%	594	\$496,704

Location of Sponsored Activity

The Herbert Wertheim College of Engineering projects listed in this report have connections to 26 different countries (Figure 5). No single country represents more than 10% of the value of awards. Awards tied to Italy, South Korea, and Japan represents 19% of total value of sponsored activity in the college and each have from five to 7.5 percent of the total value of projects in Engineering.

For international research focused awards (country or region specific projects and research collaborative activities) 26 projects with 16 different countries. Of the projects that identified a location, the most common are the United Kingdom, Argentina, and Japan.

Figure 3-3: Location of Sponsored Projects



Foreign Sub Awards

For many active international awards, the project team collaborates with an international partner, which often requires providing that partner with subcontract funding. During the 2018/2019 academic year, UF investigators engaged in 74 different sub awards valued at \$15.5 million with foreign institutions. College of Engineering investigators engaged in two sub award partnerships valued at \$50,000 in India.

Table 3-4: Sub Awards by College/Unit

College/Unit	Number of Sub Awards	Dollars Allocated
Institute of Food and Agricultural Sciences Australia, Burkina Faso, Ethiopia, India, Kenya, Mexico, Rwanda, Spain, Uganda, UK	20	5,228,581
Medicine Canada, Ghana, Israel, Italy, Norway, Singapore, Switzerland, UK	14	4,738,633
Public Health and Health Professions Belgium, Canada, Ethiopia, France, Germany, Italy, Netherlands, Spain, UK	15	2,398,740
Liberal Arts and Sciences Canada, France, Russia, Spain, UK	5	1,074,038
Veterinary Medicine Australia, Cameroon, Japan, Pakistan	5	569,515
Emerging Pathogens Institute Haiti	1	474,000
Pharmacy Australia, UK	2	449,307
Center for Latin American Studies Bangladesh, Bolivia, Brazil, Colombia, Mexico, Peru	7	430,621
Engineering, Herbert Wertheim College India	2	50,000
Health and Human Performance Ireland	1	27,362
Florida Museum of Natural History Brazil	1	23,875
Nursing Canada	1	10,800
TOTAL	74	15,475,472

4. INTERNATIONAL VISITING SCHOLARS

International Visiting Scholars are vital in supporting the global mission of the University of Florida. International Visitors promote cultural exchange, enrich international research, and connect UF to leading universities in the world. For the 2018/19 Academic Year, UF hosted 1,538 International Scholars. Visiting scholars fit into one of five categories:

1. Professor – Teaching is the primary function; more than 50% of their time devoted to teaching. Maximum duration is five years.
2. Research Scholar – Research is the primary function; more than 50% of their time devoted to research. Maximum duration is five years.
3. Short Term Scholar – Program allows research and teaching. Maximum duration of six-months.
4. Student Intern – International students completing an internship that fulfills an educational objective towards the completion of the student’s degree from their home institution. They must engage in a minimum of 32 hours per week of structured internship activities and may take part-time UF courses. The maximum duration of their program is 12 months.
5. Other include international faculty who are visiting UF as part of another federal program.

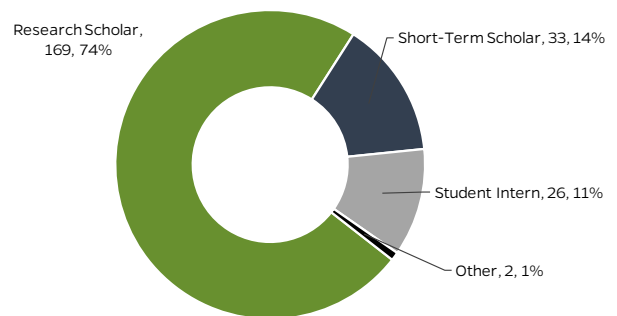
in numero
Herbert Wertheim College of Engineering

- 230 international visiting scholars hosted by the college.
- The majority are research scholars (73.5%) primarily working on research projects.
- The college host visiting scholars from 24 different countries.

Table 4-1: International Visiting Scholars

Category	Number	Percent of Total
Research Scholar	169	73.5
Short-Term Scholar	33	14.4
Student Intern	26	11.3
Other	2	0.9
TOTAL	230	100%

Figure 4-1: International Visiting Scholars (Number and Percent)



International Visiting Scholars by College

The greatest number of International Visiting Scholars are hosted by the Institute of Food and Agricultural Sciences attracting almost 40 percent of all scholars. The Herbert Wertheim College of Engineering hosts 15% of all visiting scholars, the majority (74%) are research scholars.

Table 4-2: International Visiting Scholars by College

College	Professor	Research Scholar	Short-Term Scholar	Student Intern	Other	Percent of UF Total
Arts	-	2	2	-	-	0.3
Business, Warrington College	-	17	10	-	-	1.8
Dentistry	-	25	6	-	-	2.0
Design, Construction and Planning	-	12	5	1	-	1.2
Education	-	12	2	-	-	0.9
Engineering, Herbert Wertheim College	-	169	33	26	2	15.0
Florida Museum of Natural History	-	16	6	-	-	1.4
Health and Human Performance	-	16	2	-	-	1.2
Institute of Food and Agricultural Sciences	-	419	118	52	3	38.5
Journalism and Communications	-	8	-	-	-	0.5
Law, Levin College	-	9	4	-	-	0.9
Liberal Arts and Sciences	5	97	48	5	-	10.1
Medicine	-	183	37	1	-	14.4
Nursing	-	2	1	-	-	0.2
Pharmacy	-	54	27	8	-	5.8
Public Health and Health Professions	-	24	5	1	-	2.0
Veterinary Medicine	-	51	7	-	-	3.8
Other	-	2	1	-	-	0.2
Not Reported	-	-	-	-	2	0.1
TOTAL	5	1,118	314	94	7	100%

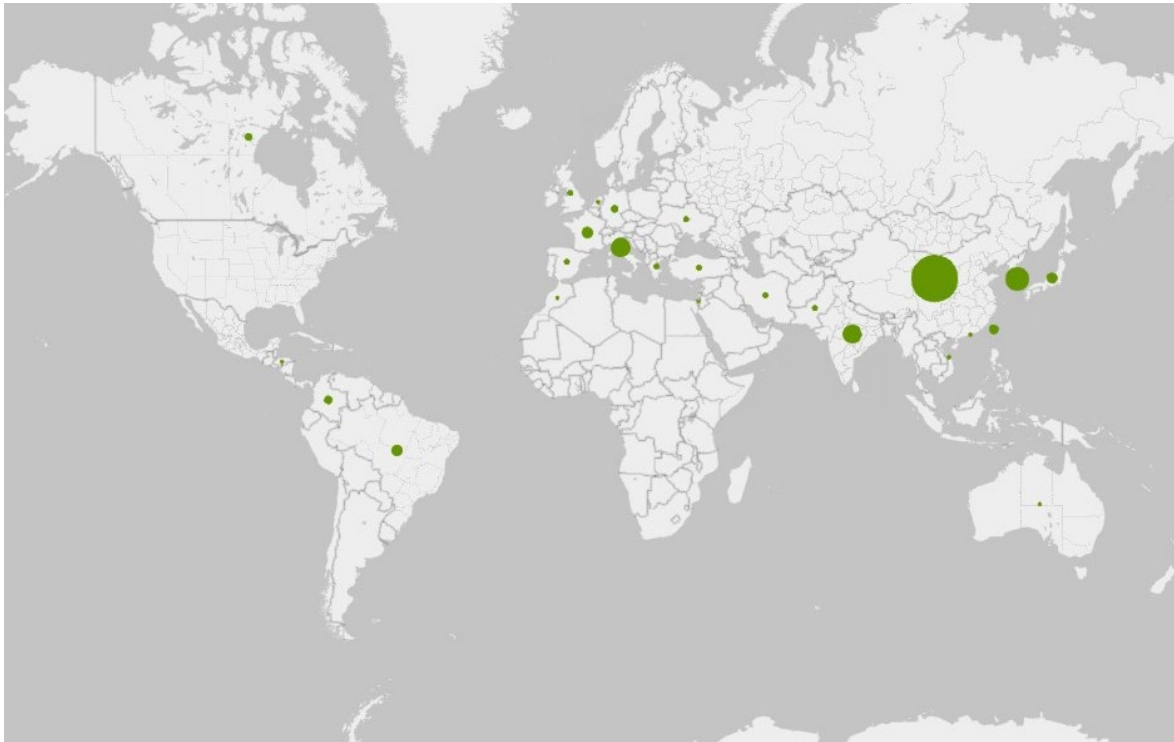
Citizenship of International Visiting Scholars

International Visiting Scholars hosted by the College of Engineering represent 24 different countries. Almost half, 48% come from China and 12% from South Korea, which is the second highest percentage of Visiting Scholars home country.

Table 4-3: College of Engineering Visiting Scholars by Country

Country	Number	Percent of Engineering	Percent of All from Country
China	110	47.8	19.1
South Korea	28	12.2	35.0
Italy	19	8.3	31.7
India	18	7.8	19.4
20 Countries	55	23.9	
TOTAL	230	100%	

Figure 4-2: International Visiting Scholars at UF



5. INTERNATIONAL STUDENT APPLICATIONS

International Applications by Type of Program

During the 2018/2019 academic year, 4,460 international students applied for degree programs in the College of Liberal Arts and Sciences. Almost three quarters of all international applications are toward an engineering master degree. Approximately 11% each apply for undergraduate and doctoral programs.

Table 5-1: International Applications by Degree Type

Degree	Number	Percent
Undergraduate/Bachelor Degree	480	10.8
Master Degree	3,267	73.3
Doctoral Degree	477	10.7
Graduate Certificate	16	0.4
Other	220	4.9
TOTAL	4,460	100%

For undergraduate programs, a large number of applicants did not disclose gender. Of those who did, male students outnumbered female two to one. For masters and doctoral programs, substantially more male students apply.

International Applications by College

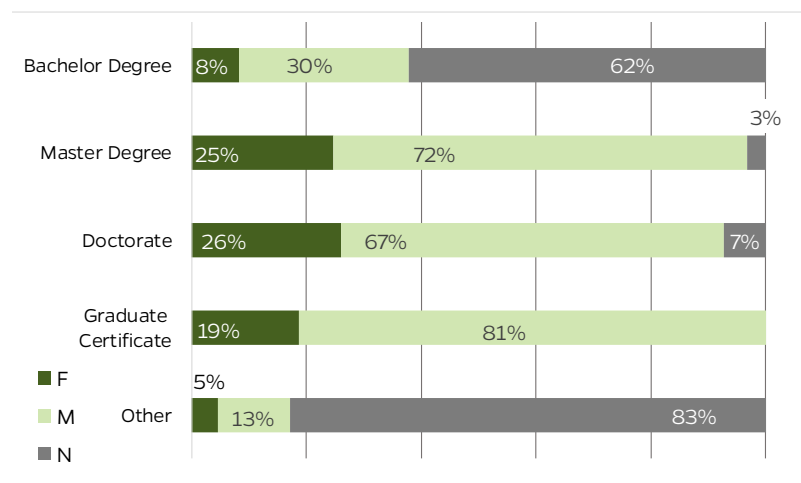
A little more than one third of all international applications are for programs in the Herbert Wertheim College of Engineering. The College of Liberal Arts and Sciences have the second highest rate of applications followed by the Warrington College of Business. For

in numero

Herbert Wertheim College of Engineering

- The college received 4,460 international student applications from 109 countries.
- Of all international student applications to UF, 37% apply to programs in the Herbert Wertheim College of Engineering.
- A little more than three quarters of all applications are from China and India.
- Almost three quarters of all international student applications to the college are for master degrees; 11% for doctorates; and 11% for undergraduate degrees.

Figure 5-1: International Student Applications by Type of Degree and Gender



undergraduate programs, the majority of applications are to the College of Liberal Arts and Sciences. For master level programs, the Herbert Wertheim College of Engineering receives more than half of all UF applications. For doctoral programs and professional graduate degrees, the largest number of applications are to the College of Liberal Arts and Sciences (32.5%).

Of all colleges, Engineering receives the highest number of international applications for their master programs and from all their applications, 73% are for master degrees. Eleven percent doctorates and eleven percent for undergraduate programs.

Within each unit, the College of Nursing has the highest percentage of all their international applications for undergraduate programs. For other units and colleges, undergraduate applications are substantially less than for graduate level degrees. For master’s programs, 73% of the applications within the College of Engineering and 70% of applications within the College of Design, Construction and Planning are for master degrees. For doctoral degrees, UF’s professional programs and IFAS have the larger proportion of applications toward doctorates and professional degrees.

Table 5-2: International Applications by College and Degree Type

College	Under-graduate		Master		Doctoral Professional Graduate		Graduate Certificate and Other		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
Arts	42	2.0	64	1.1	17	0.6	22	1.8	145	1.2
Business, Warrington College	338	16.2	833	14.0	235	8.7	187	15.4	1,593	13.4
Dentistry	-	-	62	1.0	47	1.7	-	-	109	0.9
Design, Construction and Planning	38	1.8	338	5.7	76	2.8	31	2.5	483	4.0
Education	17	0.8	116	2.0	71	2.6	21	1.7	225	1.9
Engineering, Herbert Wertheim College	480	23.0	3,267	55.1	477	17.7	236	19.4	4,460	37.4
Health and Human Performance	67	3.2	82	1.4	18	0.7	18	1.5	185	1.6
Institute of Food and Agricultural Sciences	98	4.7	173	2.9	236	8.8	35	2.9	542	4.5
Journalism and Communications	78	3.7	159	2.7	38	1.4	34	2.8	309	2.6
Law, Levin College	-	-	26	0.4	119	4.4	25	2.1	170	1.4
Liberal Arts and Sciences	821	39.4	573	9.7	876	32.5	457	37.6	2,727	22.9
Medicine	-	-	62	1.0	155	5.7	20	1.6	237	2.0
Nursing	41	2.0	-	-	9	0.3	30	2.5	80	0.7
Pharmacy	6	0.3	27	0.5	110	4.1	22	1.8	165	1.4
Public Health and Health Professions	56	2.7	143	2.4	184	6.8	70	5.8	453	3.8
Veterinary Medicine	-	-	5	0.1	29	1.1	3	0.2	37	0.3
Not Specified	1	0.05	-	-	-	-	5	0.4	6	0.1
TOTAL	2,083	100%	5,930	100%	2,697	100%	1,216	100%	11,926	100%

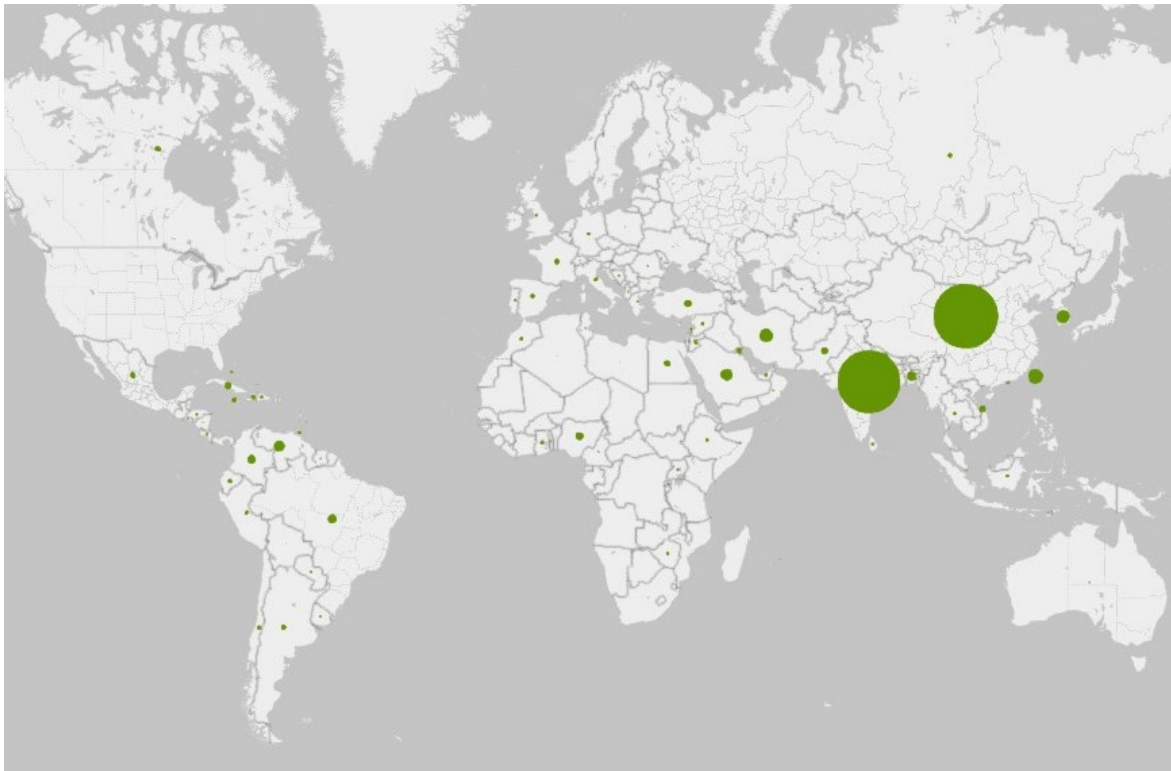
International Applications by Citizenship

The Herbert Wertheim College receives applications from 109 different countries for undergraduate and graduate degrees. Almost 40% are from China and 37% from India. Combined, three quarters of all applicants are from these two countries. There were 480 applications for undergraduate programs from 79 countries and approximately half from China, India, Venezuela and Brazil. The 3,267 applicants for master programs are from 63 countries and 90% (in relatively equal numbers) are from India and China. There were 477 applications for doctoral programs from 48 different countries and two thirds from China, India and Iran.

Table 5-3: Citizenship

All Applicants			Undergraduates			Master+Doctorate		
Citizenship	No.	%	Citizenship	No.	%	Citizenship	No.	%
China	1,770	39.7	China	108	22.5	China	1,622	43.3
India	1,668	37.4	India	83	17.3	India	1,569	41.9
107 Countries	1,022	22.9	Venezuela	25	5.2	Taiwan	89	2.4
			Brazil	20	4.2	Iran	80	2.1
			75 Countries	244	50.8	73 Countries	384	10.3
TOTAL	4,460	100%	TOTAL	480	100%	TOTAL	3,744	100%

Figure 5-2: Citizenship of International Applications



6. INTERNATIONAL STUDENTS

Each year, the International Center welcomes and assists students from around the world to help them make a smooth transition to student life at the University of Florida. The data reported here reflect UF’s submission to the Open Doors Report to the US Department of State, Bureau of Educational, and Cultural Affairs.

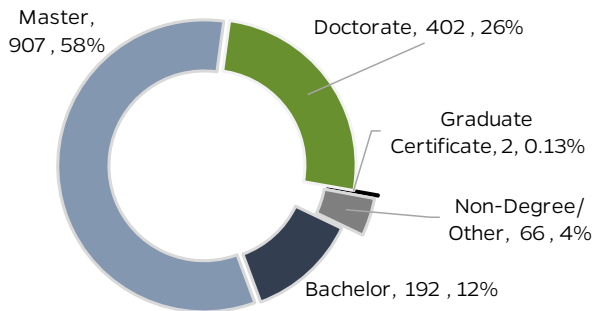
The Open Doors Report includes counts of all international students registered for the Fall 2018 semester. There are 1,569 students enrolled in the Herbert Wertheim College of Engineering programs, which is, 33% of all international students at UF. Most international students (83.6%) are pursuing graduate degrees, 12% are undergraduate students, and 4% are enrolled in non-degree programs. Additionally, there are 1,265 students participating in the Optional Practical Training (OPT)¹. When including the 1,265 OPT students in the total count of international enrollment in the college, the total number increases to 2,834 and OPT students represent 45% of all international students in the college.

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Herbert Wertheim College of Engineering

- There are 2,834 international students registered in the College. In Fall 2018, 1,569 students are enrolled in classes and 1,265 (45%) are in the OPT program.
- 33% of all non OPT international students at UF.
- 83% are enrolled in a graduate program; 58% in a master’s and 26% in a doctorate.
- 12% of engineering international students are undergraduates.
- All International students (including OPT) represent 84 different countries
- Half of all international students are from are from India.

Figure 6-1: Engineering International Students (Number and Percent)



Within each college, the proportion of international students enrolled in undergraduate, master, or doctoral programs varies. The majority of students in CLAS, Education, IFAS, HHP, and UF Health programs are enrolled in a doctoral programs. In Business, Design, Construction and Planning, Engineering, and Law, the majority are pursuing a Master Degree. The College of Journalism and Communications has a substantial majority of international students at the undergraduate level (Table 6-1).

¹ Optional Practical Training provides international students an opportunity to seek "temporary employment for practical training directly related to the student's major area of study." The student can use it during or after program completion. Pre-completion OPT is always part-time and can be used at any time during the degree program. Post-completion OPT is full-time and is granted only after graduation or completion of the degree program.

Table 6-1: UF International Students by College and Degree

College	Bachelor's		Master's		Doctorate		Graduate Certificate, Non Degree Other*	
	No.	% of College	No.	% of College	No.	% of College	No.	% of College
Arts	18	26.5	36	52.9	14	20.6	-	-
Business, Warrington College	149	32.3	212	45.9	43	9.3	58	12.6
Dentistry	-	-	6	85.7	-	-	1	14.3
Design, Construction and Planning	21	9.9	103	48.6	82	38.7	6	2.8
Education	4	2.8	52	36.4	77	53.8	10	7.0
Engineering, Herbert Wertheim	192	12.2	907	57.8	402	25.6	68	4.3
Health and Human Performance	41	30.6	32	23.9	42	31.3	19	14.2
Institute of Food and Agricultural Sciences	71	13.1	105	19.3	330	60.7	38	7.0
Journalism and Communications	56	60.9	17	18.5	19	20.7	-	-
Law, Levin College	-	-	31	67.4	4	8.7	11	23.9
Liberal Arts and Sciences	240	28.4	66	7.8	488	57.7	52	6.1
Medicine	-	-	9	11.8	58	76.3	9	11.8
Nursing	6	37.5	-	-	10	65.5	-	-
Pharmacy	-	-	20	15.4	65	50.0	45	34.6
Public Health and Health Professions	12	9.7	44	35.5	64	51.6	4	3.2
Veterinary Medicine	-	-	11	26.8	17	41.5	13	31.7
TOTAL	810	17.1	1,651	34.9	1,715	36.2	334	7.1

*Does not include 226 students enrolled in the English Language Institute

International Students: Home Country

International students (excluding OPT) in the college represent 75 countries. The majority, 37% are from China and 35% from India. These students represent almost three quarters of all international students in the college. After that, there are no countries that claims more than 3% of engineering students.

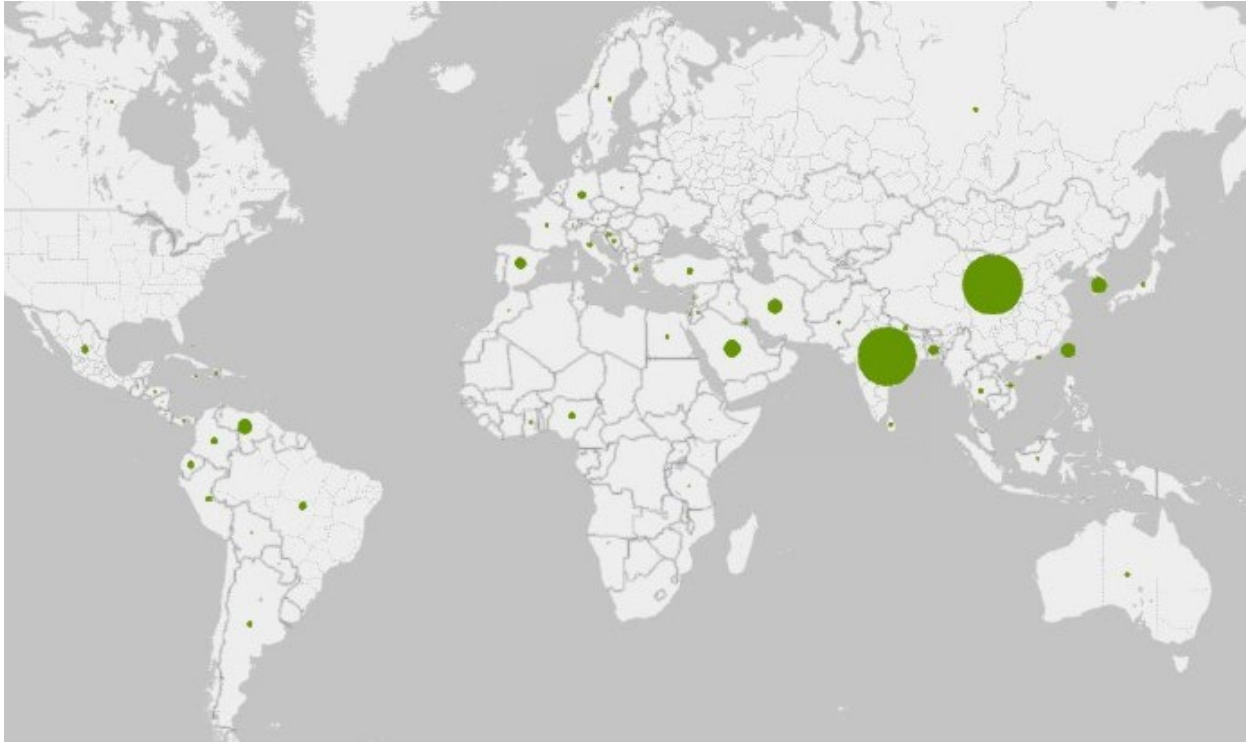
Table 6-2: Citizenship (Excluding OPT)

Citizenship	All International Students	
	Number	Percent
China	576	36.5
India	546	34.8
Saudi Arabia	47	3.0
South Korea	41	2.6
71 Countries	359	22.9
TOTAL	1,569	100%

There are 192 undergraduate international students who come from 49 different countries. The top three are from China (22%), Venezuela (18%), and South Korea (8%). At the graduate level (Master

and PhD), there are 1,309 international students from 51 countries. The majority are from China (41%) and India (41%). The 1,265 OPT students represent 48 different countries and 69% are from India and 22% from China.

Figure 6-2: Citizenship of Herbert Wertheim College of Engineering International Students



7. STUDY ABROAD PROGRAMS

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Herbert Wertheim College of Engineering

- 277 engineering students studied abroad which is 10.5% of all UF students who studied abroad in the academic year.
- Of all engineering students who graduated in the 2018/2019 academic year, 7% included a study abroad experience 9.5% of undergraduate engineering students studied abroad while at UF.
- 53% study abroad students are male and 47% female
- The majority of engineering study abroad students (97.5%) are undergraduates.
- 72% of study abroad students participated in a summer program.
- 75% of engineering students participated in a traditional study abroad experience; 17% conducted research; and 8% pursued a work experience or internship
- A little more than half of study abroad students are white (54%); 23% are Hispanic or Latino; 11% are Asian; and 2.5% are Black or African American.
- Students travelled to 30 countries. Spain, China, and Germany were the most popular destinations.

Studying, interning, or conducting research abroad is recognized for the high impact value added to a college education. Study abroad experiences can expand a student's worldview, build confidence, and contribute to a greater awareness of cultures and perspectives. These competencies are vital for preparing our students for a rapidly changing global workforce. The International Center continues to invest in study abroad programs by providing services that facilitate the experience and offering various models of study abroad to engage increasingly more students. This year, we continue to invest in developing experiences in more unique destinations, attracting students from fields of study that do not have high rates of study abroad, engaging faculty who are new to study abroad programs, and promoting experiences that appeal to a diverse student population.

For example:

UF in Haifa: Herbert Wertheim College of Engineering combined their study abroad and internship programs. UF students gain firsthand experience in their placement with high tech, engineering start-up firms for 8 weeks.

Study Abroad by College

With few exceptions, almost all colleges had students participate in a study abroad program. This past academic year, 277 engineering

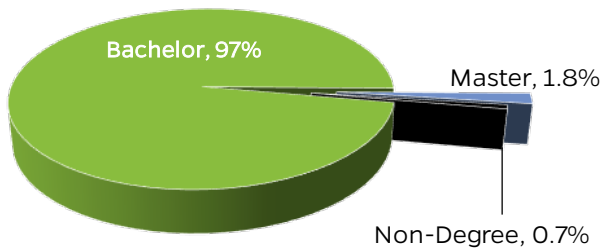
students travelled abroad for a University of Florida sanctioned study abroad experience. This represents 10.5% of all students who had a study abroad experience and three percent of the Herbert Wertheim College of Engineering student population². This calculation is based on the annual number of students in a given year and does not reflect the percentage of students who have a study abroad experience while at the University of Florida (Table 7-1).

² The percentage of students is calculated by dividing the number who participated in study abroad during the 2018/2019 academic year by the total number of students registered in the college in Fall 2018. This includes all undergraduate and graduate students both on campus and online.

Table 7-1: Number of Students who Participated in Study Abroad by College

College	Number of Study Abroad Students	Percent of All Study Abroad Students	Percent of All Students in College
Arts	58	2.2	3.6
Business, Warrington College	784	29.7	11.6
Design, Construction and Planning	124	4.7	7.5
Education	10	0.4	0.7
Engineering, Herbert Wertheim College	277	10.5	2.9
Health and Human Performance	67	2.5	2.5
Institute of Food and Agricultural Sciences	192	7.3	3.0
Journalism and Communications	213	8.1	7.3
Law, Levin College	15	0.6	1.5
Liberal Arts and Sciences	712	27.0	5.0
Nursing	32	1.2	2.9
Other	53	2.0	4.4
Pharmacy	48	1.8	2.4
Public Health and Health Professions	52	2.0	2.1
TOTAL	2,637	100%	4.7

Figure 7-1: Study Abroad by Type of Degree



master program. Two students who studied abroad were non-degree engineering students (Figure 7-1).

Graduate vs Undergraduate Study Abroad

Primarily, it is undergraduates who are most likely to participate in study abroad; and of all study abroad students in the college, 270 or 97.5% were undergraduates. Only five students, less than two percent were in a

Study Abroad Experience

Similar to campus wide trends, the majority of engineering students, 72%, participate in a summer abroad program; 17% travel in spring, 10% in the fall term, and 1% take a full academic year (Figure 7-2; Table 7.2).

Figure 7-2: Participation in Study Abroad by Term

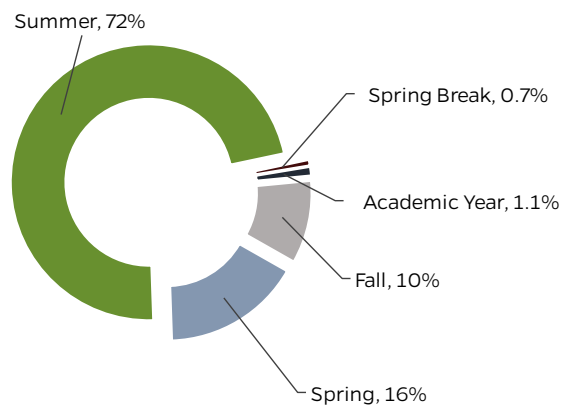


Table 7-2: Study Abroad by College and Term

College	Percent of Students							Total Number Of Students
	Academic Year	Fall	Fall Short Term	Spring	Spring Break	Spring Short Term	Summer	
Arts	-	1.7	-	3.4	--	17.2	77.6	58
Business, Warrington College	0.1	4.6	25.4	10.6	7.3	7.3	44.8	784
Design, Construction and Planning	0.8	11.3	0.8	21.8	-	-	65.3	124
Education	-	-	-	-	-	10.0	90.0	10
Engineering, Herbert Wertheim College	1.1	9.7	-	16.2	0.7	-	72.2	277
Health and Human Performance	-	1.5	-	6.0	-	-	92.5	67
Institute of Food and Agricultural Sciences	-	4.7	-	3.7	5.2	-	85.4	192
Journalism and Communications	-	4.2	-	12.2	0.0	0.9	82.6	213
Law, Levin College	-	53.3	-	-	-	33.3	13.3	15
Liberal Arts and Sciences	1.8	5.6	0.4	10.1	0.3	0.7	81.0	712
Nursing	-	-	-	-	18.8	-	81.3	32
Other	-	22.6	-	1.9	0.0	1.9	73.6	54
Pharmacy	-	4.2	-	-	-	-	95.8	48
Public Health and Health Professions	-	-	-	1.9	-	-	98.1	52
TOTAL	0.7%	6.0%	7.7%	10.2%	2.9%	3.1%	69.4%	2,637

In addition to a traditional study abroad experience of classroom and accompanying travel and tours, there are programs that include the opportunity to participate in research, internships, and service learning abroad which qualify for academic credit.

The majority participated in a traditional program; however, quite a few students pursued a research program (17%), and in either an internship or a volunteering or service learning experience (22.8%) (Figure 7-3; Table 7-3).

Figure 7-3: Type of Study Abroad Experience (Number and Percent)

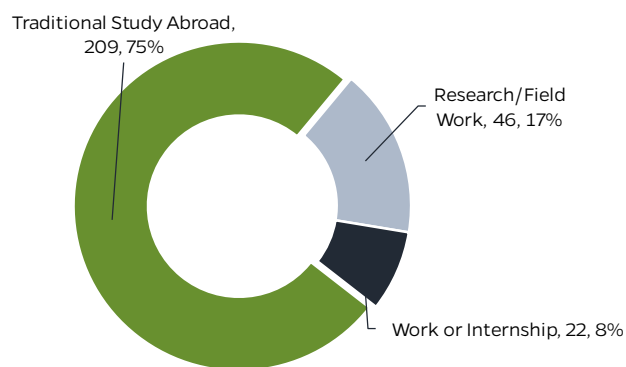


Table 7-3: Type of Study Abroad Program by College (Percent of College)

College	Percent of Students					Total Number of Students
	Traditional	Work Internship	Research Fieldwork	Volunteer Service Learning	Other	
Arts	96.6	1.7	-	1.7	-	58
Business, Warrington College	81.8	18.0	0.3	-	-	784
Design, Construction and Planning	96.8	1.6	0.8	0.8	-	124
Education	70.0	-	-	30.0	-	10
Engineering, Herbert Wertheim College	75.5	7.9	16.6	-	-	277
Health and Human Performance	56.7	26.9	13.4	3.0	-	67
Institute of Food and Agricultural Sciences	76.6	3.1	8.9	10.9	0.5	192
Journalism and Communications	94.8	5.2	-	-	-	213
Law, Levin College	100.0	-	-	-	-	15
Liberal Arts and Sciences	86.7	6.2	3.1	3.8	0.3	712
Nursing	68.8	6.3	-	25.0	-	32
Pharmacy	85.4	-	-	-	14.6	48
Public Health and Health Professions	76.9	9.6	3.8	9.6	-	52
Not reported	88.7	5.7	3.8	-	1.9	54
TOTAL NUMBER OF STUDENTS	2,202	255	101	68	11	2,637
PERCENT OF TOTAL	83.5	9.7	3.8	2.6	0.4	100%

Program Destinations

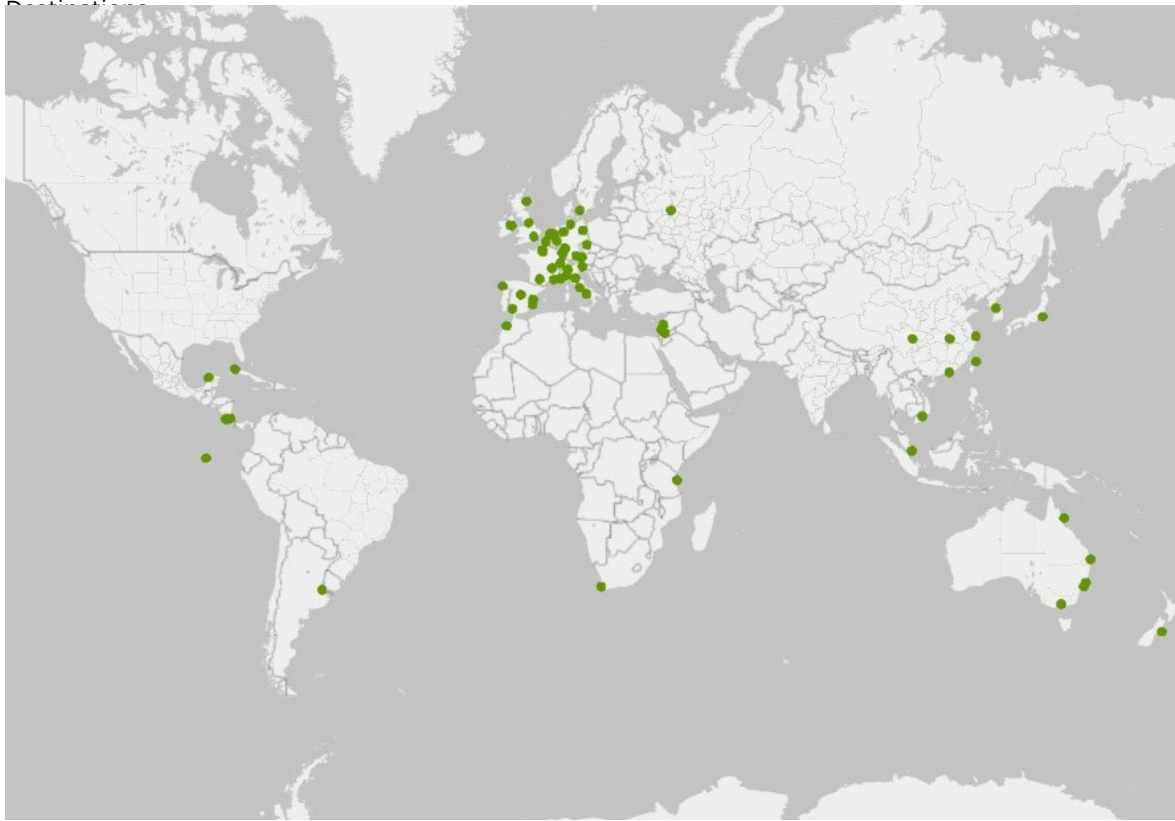
Study abroad students in the college traveled to 30 different countries. Approximately half travel to three countries – Spain, China, and Germany.

Table 7-4: Study Abroad Destinations for All Programs

Country	Number of Students	Percent of Students
Spain	67	24.2
China	41	14.8
Germany	36	13.0
27 Countries	133	48.0
TOTAL	277	100%

Of the 209 students who participated in a *traditional study abroad program*, they travelled to 27 different countries. Almost half went to programs in China, Germany, and Spain. Sixty-eight students participated in an *experiential learning program (internship, research, fieldwork, or volunteer)* travelled to 10 different destinations. Of those, half travelled to Spain, 20% to Vietnam, and six percent each to New Zealand and Germany.

Figure 7-4: Herbert Wertheim College of Engineering Study Abroad



Study Abroad Student Profile

A little more than half of all students who studied abroad during the 2018/2019 academic year are white students. Hispanic/Latino students comprise 23% of study abroad students. Substantially fewer are Black or African American. More female students participate in study abroad across overall and among all race and ethnicity. In the College of Engineering, slightly more male than female students study abroad.

Figure 7-5: Study Abroad Students by Race and Ethnicity

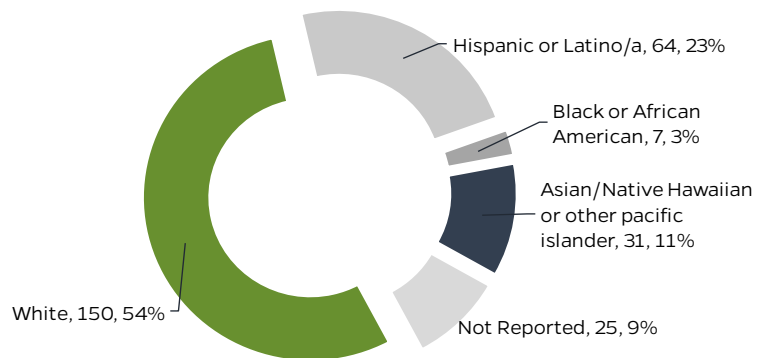


Table 7-5: Gender, Race, and Ethnicity of Study Abroad Students

Race and Ethnicity	Undergraduate Students				Graduate Students			
	Female		Male		Female		Male	
	No.	Percent	No.	Percent	No.	Percent	No.	Percent
White	62	49.6	82	56.6	3	75.0	1	100.0
Hispanic/Latino	35	28.0	28	19.3	1	25.0		
Black/African American	2	1.6	5	3.5				
Asian/Native Hawaiian or other Pacific Islander	17	13.6	14	9.7				
Not Reported	9	7.2	16	11.0				
TOTAL	125	100%	145	100%	4	100%	1	100%
		46.3%		53.7%		80%		20%
		Female		Male		Female		Male

Graduating Students and Study Abroad

In the 2018/2019 Academic Year, 2,390 students graduated from the Herbert Wertheim College of Engineering at the University of Florida. Of those students, 165 or 7% had participated in at least one study abroad program during their time at the University of Florida. This includes students pursuing a master or doctoral degree. Of the, 1,425 students receiving a Bachelor’s degree, 136 or 9.5% had studied abroad at one time. Of the 965 receiving graduate degrees, three percent included a study abroad experience.

Table 7-6: Number of Students who Studied Abroad by Academic Level

Academic Degree	Number who Studied Abroad	Number of all Students Graduating	Percent of All Students who Studied Abroad
Bachelor’s Degree	136	1,425	9.5
Master’s Degree	27	809	3.3
Doctoral Degree	2	156	1.3
TOTAL	165	2,390	6.9% (Overall Average)

Of all graduating engineering students, a large percentage (82%) who studied abroad were undergraduates receiving a Bachelor’s degree and 18% were graduate students.

Among UF Colleges, the Warrington College of Business has the highest percentage of students who study abroad for students pursuing both an undergraduate and Master’s degree. Almost half of Warrington Master level students participate in a study abroad experience. The Colleges of Design, Construction and Planning, and Journalism and Communications also have a relatively high percentage of their students participating in study abroad prior to graduating. The College of Liberal Arts and Sciences sends the greatest number of students abroad.

Table 7-7: Graduating Study Abroad Students by College

College	Bachelor Degree		Master Degree		Percent of All Graduating Students ³	
	Number	Percent of all Graduating	Number	Percent of all Graduating	Number	Percent of all Graduating
Arts	29	10.3	4	2.9	33	7.8
Business, Warrington College	515	35.7	541	47.0	1,058	40.3
Dentistry					8	7.1
Design, Construction and Planning	88	32.7	44	36.7	133	32.2
Education	5	12.1	26	10.5	46	9.6
Engineering, Herbert Wertheim College	136	9.5	27	3.3	165	6.9
Health and Human Performance	61	8.6	11	8.1	72	8.4
Institute of Food and Agricultural Sciences	209	16.4	25	6.8	235	13.1
Journalism and Communications	194	26.2	14	10.2	208	23.2
Law, Levin College			1	1.2	63	14.9
Liberal Arts and Sciences	771	21.2	17	8.6	793	19.7
Medicine			4	4.1	18	6.5
Nursing	40	13.3			42	10.9
Pharmacy			1	0.5	83	13.1
Public Health and Health Professions	53	16.4	18	7.8	76	11.0
Veterinary Medicine			1	1.6	10	5.4
TOTAL	2,111		734		3,043	

³ Includes all academic levels.

8. INTERNATIONAL CENTER PROGRAMS

Programs to Support Faculty, Staff, and Students

Engaging with faculty, staff, and students is a key area of strategic importance to the University of Florida and has been a priority in our roadmap to preeminence. The International Center invests in cross cutting programs to support internationalization efforts including research, student experiences, leadership development, and promoting meaningful partnerships to universities abroad.

in numero

Herbert Wertheim College of Engineering

- Two staff and faculty in the college received funding to participate in conferences and workshops.
- Nine college faculty, staff, and students attended a Fulbright event.
- \$4,200 awarded to two engineering doctoral students to fund fieldwork or international collaborative research to support their dissertation.

International Educator Awards

In 2018, the Herbert Wertheim College of Engineering nominated the following faculty and staff for the International Educator Award:

Senior Faculty Award:

Dr. William Eisenstadt, Professor, Department of Electrical and Computer Engineering

Staff Award:

Grace Hong, MSc, Research Coordinator, Department of Electrical and Computer Engineering

Initiatives to Support Global and Intercultural Competence

UFIC Office of Global Learning (OGL) provides funding for faculty and staff to attend workshops, conferences, webinars, and training opportunities focused on global learning, intercultural competence, integrative learning, and adoption of high-impact educational practices. During the 2018/19 academic year, 35 staff and faculty across campus received funding to participate in conferences and workshops. Two grants were awarded to the Herbert Wertheim College of Engineering.

Table 8-1: Professional Development Funding

College/Unit	Number of Awards	Amount of Grant
Center for Latin American Studies	2	5,300
Center for Teaching Excellence	2	5,000
Design, Construction and Planning	2	3,500
Health and Human Performance	1	1,800
Liberal Arts and Sciences	6	14,600
Arts	1	2,800
Engineering, Herbert Wertheim College	2	3,800
Institute of Food and Agricultural Life Sciences	1	2,800
UF Career Connections Center	2	3,600
UF Center for Instructional Technology & Training	5	8,800
UF Disability Resource Center	1	2,000
UF Honors Program	2	4,300
UF International Center	8	18,325
TOTAL	35	\$76,625

UF Fulbright Events

The Fulbright Scholars program is sponsored by the U.S. Department of State's Bureau of Educational and Cultural Affairs. Founded in 1946, the programs mission is to improve intercultural relations and cultural diplomacy between the United States and other countries around the world. At UF, the Fulbright program works with a large set of collaborating partners across campus. The International Center coordinates and hosts events to promote the Fulbright experience. During the 2018/2019 academic year, the International Center co-sponsored seven events attended by 165 faculty, students and staff from almost every college at UF.

Table 8-2: UF Fulbright Events

Event	Number Attended
Fostering Efficacy in Asset Recovery in Transnational Corruption	34
Fulbright Informational Session	25
Online & Blended Learning Luncheon: Swapna Kumar	28
Michelle Bolourchi Luncheon	7
Managing Fulbright Recruitment and Retention for Graduate Programs	7
My Fulbright in 7 Minutes	45
The Path to Fulbright: Challenges, Opportunities and Rewards	19
TOTAL	165

Table 8-3: Attendance at Fulbright Events by College and Unit

College/Unit	Number Attended
Arts	6
Business, Warrington College	2
Center for Teaching Excellence	1
Design, Construction and Planning	5
Education	1
Engineering, Herbert Wertheim College	9
English Learning Institute	1
George A. Smathers Libraries	1
Health and Human Performance	4
Institute of Food and Agricultural Sciences	27
Journalism and Communications	2
Law, Levin College	18
Liberal Arts and Sciences	25
Medicine	6
Not Reported	6
Nursing	1
Pharmacy	5
Public Health and Health Professions	4
UF Administrative Office	41*

*UF administrators may have participated in multiple events and one person could be counted at multiple of events.

Additionally, the International Center hosted a signature event open to the university and Gainesville community and three informational and networking sessions for faculty, students, and staff interested in pursuing a Fulbright opportunity.

UF International Center Sponsored Signature Event

January 14, 2019, Harn Museum of Art, Chandler Auditorium

Building, Using and Teaching the Tree of Life

Presented by: Dr. Douglas Soltis, Distinguished Professor, Laboratory of Molecular Systemics and Evolutionary Genetics, and Dr. Pamela Soltis, Distinguished Professor and Director of Biodiversity Institute.

Attendance: 180 to 200 UF and Gainesville community

Research Abroad for Doctoral Students (RADS)

The International Center is committed to supporting international graduate education. The RADS program provides travel funding to PhD candidates in the STEM disciplines to conduct research at a foreign laboratory or collect data outside of the USA. During the 2018/19 academic year, the International Center provided \$49,920 in support of doctoral research across campus and \$4,200 to two doctoral students in the College.

Herbert Wertheim College of Engineering (\$4,200)

- Nevin Brosius, Department of Chemical Engineering, \$1,500 for research in Japan
- Trey Crouch, Engineering School of Sustainable Infrastructure & Environment, \$2,700 for research in Brazil

International Scholars Program

The International Scholars Program (ISP) is a commencement medallion program open to all undergraduate students. ISP allows students to develop a global mindset and acquire in-demand skills by integrating international coursework, interdisciplinary perspectives, digital literacy, and experiential learning opportunities. To graduate with the International Scholars designation, the student must meet four requirements:

- 1) 12 credits of international themed coursework
- 2) One international experience (e.g. study abroad) or two semesters of a foreign language
- 3) Be engaged in the various international campus life programs available throughout the year
- 4) The student must complete the capstone *e*-portfolio program that features their accomplishments at UF and abroad in an online forum

Table 8.5: International Scholars Program by College

College	Enrolled		Graduated	
	Number	Percent	Number	Percent
Arts	12	1.7	-	-
Business, Warrington College	44	6.3	3	4.8
Design, Construction and Planning	39	5.5	1	1.6
Education	4	0.6	2	3.2
Engineering, Herbert Wertheim College	32	4.6	2	3.2
Health and Human Performance	18	2.6	3	4.8
Institute of Food and Agricultural Sciences	86	12.2	9	14
Journalism and Communications	35	5.0	3	4.8
Liberal Arts and Sciences	396	56.3	38	60.4
Nursing	7	1.0	-	-
Public Health and Health Professions	21	2.9	2	3.2
Not Reported	9	1.3	-	-
TOTAL	703	100%	63	100%

Within the International Scholars Program, the College of Liberal Arts and Sciences comprises more students than any other college. In engineering, 32 students are enrolled in the program and two had graduated (Table 8.5).

9. TRAVEL REGISTRY

University of Florida faculty, staff, and researchers travel internationally as part of their official UF duties. For example, they may travel to attend conferences, collect field data, engage in outreach activities, collaborate with partners, participate in meetings, recruit students, etc. Prior to travelling abroad on university business, all are required to register with the UF International Center Travel Registry. As such, the registry database provides a glimpse into the extent and purpose of travel. The following tables use the data from the travel registry to summarize travel for the 2018/19 academic year.

Two thirds of all travel in the college is tied to attending conferences (66%) and 22% is related to research.

in numero
Herbert Wertheim College of Engineering

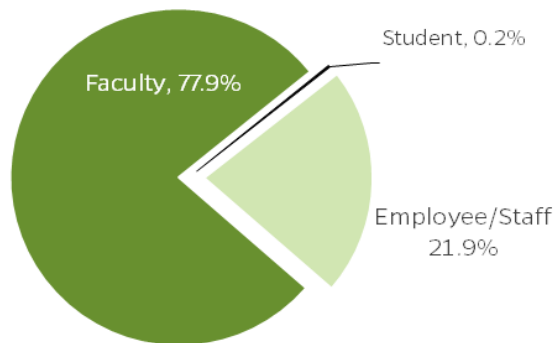
- Faculty, students, and staff made 479 trips.
- Faculty, staff, students, and alumni travelled to 61 countries.
- Two-thirds of all trips are tied to attending a conference.
- 78% of of all trips are by faculty and 22% by staff.
- Travel is distributed among 61 countries with 12% of travel in Canada, 10% in China, and no other destination had more than 10% of trips.

Table 9-1: Purpose of Travel

Purpose of Travel	Number of Trips	Percent of All Trips
Conference	320	66.8
Research	105	21.9
Networking, Meetings, Seminars, Workshops, Panel Participation	21	4.4
Invited Speaker, Teaching, Training	16	3.3
Other	16	3.3
Recruiting	1	0.2
TOTAL	479	100%

The travel registry tracks all University of Florida related travel and would include trips by faculty, staff, alumni, affiliates working on UF programs, and students traveling for reasons other than for study abroad (which is documented in the Study Abroad section of the report). Of all college trips, three quarters are by faculty, almost one quarter by employees and staff, and only one student reported.

Figure 9-1: Who is Travelling?



Looking at purpose of travel and who is traveling, 320 trips (67% of all trips) were for travel to conferences. Of those conference travel trips, 75% were by faculty, 25% by staff. There were 101 trips tied to research (22%). Of those traveling for research, 87% were faculty and 13% were staff. Only faculty reported

trips to attend meetings, seminars, or further networking. College staff invited to provide training for teaching, 88% were faculty and 12% staff.

Table 9-2: Travel Purpose by Role

Purpose of Travel	Faculty		Staff		Students		Total	
	No.	%	No.	%	No.	%	No.	%
Conference	239	74.7	80	76.2	1	100.0	320	66.8
Research	91	86.7	14	13.3	-	-	105	21.9
Networking, Meetings, Seminars, Workshops, Panel Participation	21	100.0	-	-	-	-	21	4.4
Other	7	43.8	9	8.6	-	-	16	3.3
Invited speaker, Teaching, Training	14	87.5	2	1.9	-	-	16	3.3
Recruiting	1	100.0	-	-	-	-	1	0.2
TOTAL	373	77.9	105	21.9	1	0.2	479	100%

Half of all travel is from three units – the Institute of Food and Agricultural Sciences, the College of Liberal Arts and Sciences and the Herbert Wertheim College of Engineering.

Table 9-3: Travel by College and Unit

College/Unit	Number of Trips	Percent of Total
Arts	116	2.7
Center for Latin American Studies	4	0.1
Dentistry	94	2.2
Design, Construction and Planning	68	1.6
Education	72	1.7
Emerging Pathogens Institute	9	0.2
Florida Museum of Natural History	144	3.3
George A. Smathers Libraries	38	0.9
Health and Human Performance	58	1.3
Herbert Wertheim College of Engineering	479	11.0
Institute of Food and Agricultural Sciences	950	21.9
International Center	35	0.8
Journalism and Communications	43	1.0
Levin College of Law	34	0.8
Liberal Arts and Sciences	767	17.7
Medicine	430	9.9
Nursing	2	0.05
Office of Research	9	0.2
Pharmacy	110	2.5
Public Health and Health Professions	155	3.6
Type One Centers	69	1.6
UF Administration	169	3.9
Veterinary Medicine	120	2.8
Warrington College of Business	140	3.2
Not Reported	227	5.2
TOTAL	4,342	100

Destination of Travel

College faculty, staff, students and affiliates traveled to 61 different countries. Half of all travel is to seven destinations (Canada, China, Germany, France, Italy, UK, and Spain). Travel to the remaining 50% of trips are spread evenly across all destinations and no single country accounts for more than 4% of college related travel.

Figure 9-3: Travel Destinations

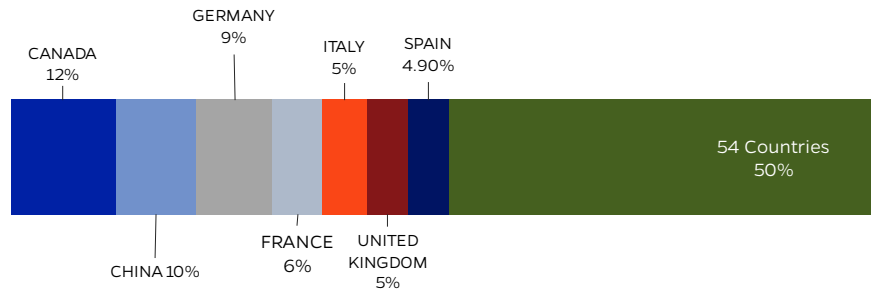


Figure 9-2: International Travel Destinations by Faculty, Staff, Alumni and Affiliates



APPENDIX I: HERBERT WERTHEIM COLLEGE OF ENGINEERING AGREEMENTS

Institution	Country	Agreement Manager	Type	Termination Date
University of New South Wales	Australia	Juan Nino	Reciprocal	3/15/2020
University of New South Wales (Practicum)	Australia	Juan Nino	Reciprocal	3/15/2020
Universidade Estadual de Campinas	Brazil	Eric Sander	Cooperative	5/28/2020
The Federal University of Rio Grande do Norte	Brazil	Arturo Suman Bretas	Cooperative	2/8/2022
Escola Politécnica da Universidade de São Paulo	Brazil	Erik Sander	Cooperative	2/19/2024
Universidade de São Paulo - São Carlos School of Engineering	Brazil	Hitomi Yamaguchi Greenslet	Cooperative	2/20/2024
Universidad de Magallanes	Chile	Cristian Cardenas-Lailhacar	Cooperative	9/2/2018
East China University of Science and Technology (Combined Degree Program)	China	Chang-Yu Wu	Other	4/17/2020
Beijing Institute of Technology	China	Huikai Xie	Cooperative	12/20/2022
East China University of Science and Technology	China	Chang-Yu Wu	Cooperative	12/15/2019
Universidad de La Salle	Colombia	Barron Henderson	Cooperative	8/13/2019
Universidad de los Andes	Colombia	Juan Claudio Nino	Cooperative	1/28/2020
Technical University of Denmark	Denmark	Pingchien Neo	Reciprocal	1/26/2023
Universidad Iberoamericana	Dominican Republic	R. Keith Stanfill	Reciprocal	9/2/2020
Aalto University School of Science, Finland	Finland	Sumi Helal	Cooperative	8/1/2018
SKEMA Business School	France	Jack Elzinga	Reciprocal	8/27/2019
Clausthal University of Technology	Germany	Wolfgang Sigmund	Cooperative	3/1/2022
The School of Civil Engineering at Hamburg University of Technology	Germany	Fazil Najafi	Cooperative	7/10/2021
RWTH Aachen	Germany	Pingchien Neo	Reciprocal	10/17/2023
Hamburg University of Applied Sciences	Germany	Pingchien Neo	Reciprocal	12/20/2020
The Hong Kong University of Science and Technology	Hong Kong	Pingchien Neo	Reciprocal	2/11/2024
Indian Institute of Science	India	Mingzhou Ding	Cooperative	6/27/2020
Manipal University Jaipur	India	Sartaj Sahni	Cooperative	5/29/2024
Amity University Uttar Pradesh	India	Sartaj Sahni	Cooperative	9/7/2020
Bennett University	India	Sartaj Sahni	Cooperative	10/15/2021
Jaypee Education System	India	Sartaj Sahni	Cooperative	3/4/2020
Thapar University	India	Sartaj Sahni	Cooperative	4/16/2019
Salahaddin University - Erbil	Iraq	Carl Crane III	Cooperative	11/30/2021
Ben-Gurion University of the Negev	Israel	Theodor Krauthammer	Cooperative	2/25/2021
Technion - Israel Institute of Technology	Israel	Angela S. Lindner	Cooperative	12/21/2021
Universita Politecnica Delle Marche	Italy	Alex Sheremet	Cooperative	9/29/2020
Polytechnic University of Bari	Italy	John J. Sansalone	Cooperative	1/10/2019
University of Genova	Italy	John Sansalone	Cooperative	11/15/2021
Politecnico di Milano	Italy	John Sansalone	Cooperative	4/29/2021
Università degli Studi di Parma	Italy	Gabriele Tebaldi	Cooperative	4/13/2022

University of Parma	Italy	Nancy McIlrath-Glanville	Cooperative	4/12/2024
University of West Indies	Jamaica	Haniph Latchman	Cooperative	3/15/2021
Universidad Autónoma de Yucatán	Mexico	Kirk Hatfield	Cooperative	1/31/2018
Al Yamamah University	Saudi Arabia	Sartaj Sahni	Cooperative	5/11/2021
Korea Aerospace University	South Korea	Nam-Ho Kim	Cooperative	3/2/2023
Kumoh National Institute of Technology	South Korea	Nam-Ho Kim	Cooperative	4/6/2020
Korea Atomic Energy Research Institute	South Korea	Kelly Jordan	Cooperative	9/22/2020
Universidad Politecnica de Madrid	Spain	David Hahn	Cooperative	3/29/2023
Universidad Carlos III de Madrid	Spain	Pingchien Neo	Reciprocal	7/11/2023
Universidad Pontificia Comillas	Spain	Pingchien Neo	Reciprocal	11/4/2019
Burapha University	Thailand	Louis Motz	Cooperative	4/17/2021
Gazi University	Turkey	Pingchien Neo	Cooperative	5/3/2021

APPENDIX II: INTERNATIONAL AND GLOBALLY FOCUSED AWARDS

Principal Investigator	Title	Type of Sponsor	Purpose	Total Funded	Country Region
Aifantis, Katerina	IRES: Track II: Advanced Study Institute: Using Nanotechnology for...	US Federal Agency	Travel	350,000	Germany, UK
Aifantis, Katerina	The Role of Grain Boundary Structure & Chemistry in Materials Failure	US Federal Agency	Other	457,932	-
Angelini, Christine	Career: Accelerating Natural Self-organization & Restoring Coastal...	US Federal Agency	Country Specific Research	502,897	Netherlands
Balachandar, Sivaramakrishnan	Turbulence informed models - shallow water simulations of turbidity currents	US Corporation	Research Collaborative	869,501	Argentina
Banerjee, Arunava	Representing & Transforming Sensory Stimuli using Spike Trains	US Federal Agency	Travel	522,492	-
Banks, Scott	In Vivo Kinematic Study of Optetrak CR/CR Slope Knee Systems	US Corporation	Other	64,442	Spain
Banks, Scott	Physica KR: In vivo kinematic analysis: novel total knee replacement implant	Foreign Corporation	Foreign Funder	76,090	Italy
Barooh, Prabir	CPS Synergy: Distributed coordination of smart devices...	US Federal Agency	Travel	758,001	-
Bhunia, Swarup	A Framework for Automatic Detection of Fault Attack Vulnerabilities	US Not-for-Profit Organization	Research Collaborative	100,000	India
Bhunia, Swarup	SaTC:STARSS: IPTrust: Comprehensive Framework for IP Integrity Validation	US Federal Agency	Other	198,969	-
Bolch, Wesley	Non-Reference Computational Phantoms Applied to an Expanded...	US Federal Agency	Research Collaborative	61,140	France
Bolch, Wesley	Pregnant Female Phantoms for Organ Dosimetry of RERF Life Span Study	Multi National Not-for-Profit Organization	Country Specific Research	164,973	Japan
Bolch, Wesley	Scientific Direction of Re-evaluation of DS86/DS02 Organ Dose Calculations	Multi National Not-for-Profit Organization	Country Specific Research	152,093	Japan
Boucher, Christina	III: Small: A Scalable & Efficient Optical Map Assembler	US Federal Agency	Other	383,961	Finland
Boyer, Kristy	Career: CS-Climate: Fostering Collaborative Dialogue for Rigorous...	US Federal Agency	Other	504,349	-
Boyer, Kristy	DD: Engage: Integrating Computing into Middle School Science...	US University	Other	672,928	-
Boyer, Kristy	Flecks: Fostering Collaborative Computer Science Learning with...	US Federal Agency	Other	1,176,452	-
Boyer, Kristy	Prime: Engaging STEM Undergraduate Students in...	US Federal Agency	Student Support	499,879	Philippines
Bretas, Arturo	Applications of Power Electronics, Power Engineering & Control...	Foreign Corporation	Foreign Funder	37,000	China
Cazacu, Oana	3-D Reconstruction Development & Multi-Scale Modeling of Damage in...	US Federal Agency	Research Collaborative	350,003	Portugal
Cazacu, Oana	Uncovering the cause of ratcheting & low-cycle fatigue...	US Federal Agency	Other	392,494	-
Chen, Shigang	NeTS:Small: Low-cost, Convenient, Non-intrusive Methods of Enabling...	US Federal Agency	Other	250,000	-
Chen, Shigang	NeTS:Small:Sketching Big Network Data	US Federal Agency	Other	500,000	-
Conklin, John	Advanced inertial sensors for fundamental physics & gravitational...	US Federal Agency	Other	861,513	-

Principal Investigator	Title	Type of Sponsor	Purpose	Total Funded	Country Region
Conklin, John	UV LED-based Charge Management System	US Federal Agency	Other	2,052,809	Italy
Dixon, Warren	A Switched Systems Approach for Navigation & Control with...	US Federal Agency	Other	282,213	-
Elefteriadou, Ageliki	Testing & Evaluation of Traffic Detection Devices	Foreign Corporation	Foreign Funder	9,304	Germany
Entezari, Alireza	III: Small: Uncertainty Quantification & Propagation Analysis in Visualization...	US Federal Agency	Travel	499,982	-
Fang, Yuguang	NeTS: Small: Proof-of-Concept Study on an Emerging Mobile Data...	US Federal Agency	Other	125,000	-
Figueiredo, Renato	NeTS: Small: PerSoNet: Overlay Virtual Private Networks Spanning Personal...	US Federal Agency	Research Collaborative	477,150	Japan
Fitz-Coy, Norman	Characterization of Fragments Resulting from the DebrisSat/DebrisLV...	US Federal Agency	Other	1,239,863	-
Forte, Domenic	SWIFT: A Signature-enabled Wireless Infrastructure for Forensics, Tracking...	US Federal Agency	Other	100,000	-
Fortes, Jose	US-EA Centra: US-East Asia Collaborations to Enable...	US Federal Agency	Research Collaborative	519,575	Taiwan, China, Japan
Goluoglu, Sedat	Reactor Physics Benchmark Evaluations for Power Burst Facility...	US Federal Agency	Other	99,792	France
Gordon-Ross, Ann	CSR: Eager: Quality-of-Experience-Aware Runtime Optimizations for...	US Federal Agency	Other	278,382	-
Gunduz, Aysegul	Career: Stimulation on Demand: Responsive Deep Brain Stimulation...	US Federal Agency	Other	508,863	-
Jain, Eakta	CRII: RI: Learning to Predict the Temporal Interestingness of Videos	US Federal Agency	Travel	182,634	-
Jang, Myoseon	Development of a Model to Predict the Interaction of Mineral Dust Particles with Air Pollutants	Foreign Not-for-Profit Organization	Research Collaborative	85,721	South Korea
Jang, Myoseon	The Formation of Secondary Organic Aerosol under Urban Atmospheric...	Foreign University	Country Specific Research	405,765	South Korea
Kim, Gloria	IRES Track I: Interdisciplinary Research in Korea on Applied smart...	US Federal Agency	Student Support	213,000	South Korea
Kim, Nam	Reliability Assessment & Degradation Prognostics of Complex Engineering...	Foreign University	Foreign Funder	210,909	South Korea
Krauthammer, Theodor	Optimized Ultra High Performance Concrete (UHPC) Structural Behavior Subjected To Severe Dynamic Loads	US Federal Agency	Other	408,116	Singapore, Australia, Japan, South Korea
Ladd, Anthony	Understanding the effects of ion transport on mineral dissolution...	US Federal Agency	Research Collaborative	341,427	Poland
Li, Jian	CIF: Medium: Low-Resolution Sampling with Generalized Thresholds	US Federal Agency	Other	292,981	-
Li, Jian	Enhanced Automotive Radar Coexistence & Performance	US Federal Agency	Other	300,000	South Korea, UK
Li, Jian	Enhanced UWB Sensing via RFI Mitigation & Missing Data Recovery...	US Federal Agency	Other	250,000	-
Maghari, Nima	Leveraging CMOS Scaling in High Performance ADCs	US University	Other	209,666	-
Meyn, Sean	Applications of Power Electronics, Power Engineering & Control...	Foreign Corporation	Foreign Funder	62,000	China
Meyn, Sean	Distributed Control for Demand Dispatch	US Federal Agency	Other	380,000	-
Meyn, Sean	Open & Scalable Distributed Energy Resource Networks	US University	Other	225,000	France
Mishra, Prabhat	2015 IBM Faculty Award	US Corporation	Other	25,000	-
Mohseni, Kamran	Bio-inspired Soft Body Structure AUVs with Lateral/Epidermal Sensory...	US Federal Agency	Other	796,734	-
Mohseni, Kamran	New DDDAS Framework for UAV Network - Environmental Monitoring	US Federal Agency	Other	360,000	-
Moore, Robert	Contract with NJIT	US University	Country Specific Research	0 (Terminated)	Antarctica
Moore, Robert	Contract with NJIT	US University	Country Specific Research	0 (Terminated)	Antarctica

Principal Investigator	Title	Type of Sponsor	Purpose	Total Funded	Country Region
Moore, Robert	Contract with NJIT	US University	Country Specific Research	106,782	Antarctica
Narayanan, Ranganatha	A Novel Way To Measure Interfacial Tension (Ift) Between Liquids Using...	US Federal Agency	Other	200,000	Japan
Oliveira, Daniela	A Workshop US-Brazil on Cyber Security & Privacy	US Federal Agency	Travel	116,188	Brazil
Pearton, Stephen	Fundamental Studies & Modeling of Radiation Effects in Ga ₂ O ₃	US Federal Agency	Other	1,050,000	South Korea
Pearton, Stephen	Impact Ionization Coefficients in Ga ₂ O ₃	US Federal Agency	Research Collaborative	107,528	South Korea
Rakov, Vladimir	Infrared & Visible-Range Optical Observations of Lightning at LOG...	US Federal Agency	Other	698,878	Japan, Brazil
Rakov, Vladimir	Interaction of Lightning Electromagnetic Pulse with...	US Federal Agency	Research Collaborative	266,212	Brazil
Riding, Kyle	Minimizing the effect of pumping on SCC workability & freeze-thaw...	US University	Travel	3,000	Canada
Ruiz, Jaime	Career: Next Generation Multimodal Interfaces	US Federal Agency	Travel	193,768	-
Scheffe, Jonathan	Design & Construction of Integrated Solar Lighting Pedestrian...	US Government (Non-Federal)	Research Collaborative	295,838	France
Scheffe, Jonathan	H ₂ & Syngas Production from Two-Step Solar Thermochemical Catalytic...	Foreign University	Country Specific Research	268,547	Qatar
Scheffe, Jonathan	Materials Development for Solar Thermochemical Methane Reforming	Foreign Corporation	Foreign Funder	109,713	Switzerland
Schmidt, Christine	Engineering Tissue Mimics to Investigate Congenital Heart Disease	US Federal Agency	Research Collaborative	407,229	UK
Shea, John	Ears: Cloud-based Oblivious Spectrum Mapping & Allocation	US Federal Agency	Country Specific Research	402,950	-
Sheremet, Alexandru	NSFGEO-NERC: Toward a New Picture of the Multifaceted Meteotsunami	US Federal Agency	Research Collaborative	467,979	UK
Shrimpton, Thomas	Tides Foundation: Support research & development of Format...	UF & UF Foundation	Other	36,369	-
Shrimpton, Thomas	TWC: Medium Collaborative: Distribution Sensitive Cryptography	US Federal Agency	Other	399,833	Australia
Simmons, Chelsey	Strain-mediated activation of dermal regeneration & fibrosis	US Federal Agency	Other	473,984	-
Sitharam, Meera	FRG: Collaborative Research: Stability of Structures Large & Small	US Federal Agency	Travel	299,243	-
Sitharam, Meera	Geometric Elucidation of Supramolecular Assembly &...	US Federal Agency	Research Collaborative	799,990	-
Subhash, Ghatu	Evaluation of Advance Ceramic Materials for Dynamic Applications	US Federal Agency	Other	699,963	-
Subhash, Ghatu	Experimental & Computational Investigations of Deformation...	US Federal Agency	Other	307,586	-
Tehraniipoor, Mark	Developing IoT equipment firmware security verification technology	US Corporation	Other	590,789	-
Tonks, Michael	Nano-Hierarchical Physio-Chemo Topographies to Develop Principles....	US Federal Agency	Other	707,926	UK
Traynor, Patrick	Digital Healthcare-Associated Infection: Measurement, Defense...	US Federal Agency	Travel	1,200,000	-
Traynor, Patrick	TWC:Small:Designing Strong End-to-End Authentication Mechanisms...	US Federal Agency	Other	500,000	-
Traynor, Patrick	WiFiUS: Seliot: Securing Lifecycle of Internet-of-Things	US Federal Agency	Other	150,000	Finland
Tseng, Yiider	The Biophysical Characterization of the Huangjing Effects on Cells	Foreign Corporation	Foreign Funder	584,412	China
Uryasev, Stanislav	Workshop: Risk Management Approaches in Engineering...	US Federal Agency	Travel	15,000	Germany, Japan
Valle-levinson, Arnoldo	Evaluating how abalone populations in California Current are structured by...	US Federal Agency	Other	149,561	Mexico
Valle-levinson, Arnoldo	Modeling of Oil-Particle Aggregate Formation & Transport in Surf-Shelf...	US University	Country Specific Research	299,711	Mexico, Cuba

Principal Investigator	Title	Type of Sponsor	Purpose	Total Funded	Country Region
Wang, Shuo	Applications of Power Electronics, Power Engineering & Control...	Foreign Corporation	Foreign Funder	86,500	China
Wang, Shuo	Investigation of EMI of Electric Vehicle Drive Systems	Foreign Corporation	Foreign Funder	131,771	China
Wiens, Gloria	NRI: INT: Intelligent Human-Robot Collaboration for Smart Factory	US Federal Agency	Research Collaborative	377,930	Italy
Wilson, Joseph	Algorithm & Decision Support - Vehicle Mounted Mine Detection Systems	US Federal Agency	Travel	471,375	Spain, Japan
Wu, Chang-Yu	Bench Fee for Syeda Irsa Kazmi	Foreign Government	Research Collaborative	3,500	Pakistan

TOTAL \$33,829,050

APPENDIX III: UF INTERNATIONAL COUNCIL

BOB GRAHAM CENTER FOR PUBLIC SERVICE

Matthew Jacobs, Director

CAREER CONNECTIONS CENTER

Ja'net Glover, Senior Director for Career
Services

Julia Vollrath, Associate Director for
Operations and Engagement

CENTER FOR AFRICAN STUDIES

Brenda Chalfin, Director
Todd Leedy, Associate Director

CENTER FOR EUROPEAN STUDIES

Amie Kreppel, Director

CENTER FOR GLOBAL ISLAMIC STUDIES

Benjamin Soares, Professor

CENTER FOR HUMANITIES AND THE PUBLIC SPHERE

Barbara Mennel, Rotham Chair, Director,
Professor

CENTER FOR LATIN AMERICAN STUDIES

Carlos de la Torre, Director
Mary Risner, Associate Director

COLLEGE OF THE ARTS

Jennifer Setlow
Associate Dean for Academic and Student
Affairs

COLLEGE OF DENTISTRY

Micaela Gibbs, Clinical Associate
Professor

COLLEGE OF DESIGN, CONSTRUCTION, AND PLANNING

Michael Kung, Director of Global
Education

COLLEGE OF EDUCATION

Jo Kozuma, Coordinator, China 4+1
Program
Ana Puig, Research Director

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

Chris Janelle
Associate Dean for Academic and Student
Affairs
Michael Fitzgerald, Academic Advisor III

COLLEGE OF JOURNALISM AND COMMUNICATION

Michael Leslie, Associate Professor,
Global Leadership Trainer

COLLEGE OF LIBERAL ARTS AND SCIENCES

David Pharies, Associate Dean for
Humanities

COLLEGE OF NURSING

Paula Delpech, Clinical Associate
Professor

COLLEGE OF PHARMACY

Randell Doty, Clinical Associate Professor

COLLEGE OF PUBLIC HEALTH AND HEALTH PROFESSIONS

Sarah McKune, Assistant Professor

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