



2019 – 2020 REPORT OF INTERNATIONAL ACTIVITY

UNIVERSITY OF FLORIDA INTERNATIONAL CENTER
OFFICE FOR GLOBAL RESEARCH ENGAGEMENT
Supporting Faculty to Build Knowledge Globally

UF | International Center
UNIVERSITY of FLORIDA

INSTITUTE OF FOOD & AGRICULTURAL SCIENCES

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:

- **INTRODUCE** faculty new to international research to active university networks and experienced mentors.
- **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 traveling abroad.

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2019/2020

Institute of Food and Agricultural Sciences

Report on International Activity

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1. Introduction

This past year, the university, our community and the world experienced a disruption that has both underscored the extraordinary interconnectedness of the world in which we live and has also brought most global engagement, as we knew it to a screeching halt. Even as we are reminded on a daily basis that events, policies, and actions in one part of the world have repercussions around the globe, our international collaborations and exchange are now more difficult than ever. At UF, we are fortunate to have access to resources that allow us to advance new ideas, models and frameworks in an environment that values the contributions of our international students and colleagues, and in the perspectives that our study abroad students both share with their hosts and bring back to our community. As we face the challenge of internationalization at American universities, the UF International Center is proud to be a leader in fostering international understanding, and in developing the network of students and scholars in our home and around the world.

This report documents international activity at the University of Florida. The 2019/2020 update presents the global footprint for the Institute of Food and Agricultural Sciences (IFAS) for the academic year. Similar to past reports, the data summarize a considerable volume of international activity, and continues to be testimony to the university's and IFAS' commitment to international research, education, and international exchange.

The report documents the college's international partnerships, the investment into faculty development programs, the number of international visitors working and studying at UF, the number of international students, the extent of applications for graduate programs from students worldwide, the college study abroad programs, efforts dedicated to internationalizing the curricula, and a summary of where IFAS faculty, students and staff are travelling. These activities contribute to a fundamental

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- 100 total international MOUs in 41 countries.
- 95 active or under review IRB studies.
- 572 International Visiting Scholars.
- 805 international applications from 88 countries.
- 492 international students enrolled in Fall 2019.
- 44 IFAS students studied abroad.
- Global Fellowship awarded to two IFAS faculty.
- Five IFAS faculty received a stipend to participate in the Global Learning Institute.
- One IFAS faculty received a stipend to participate in the Study Abroad Leadership Program.
- One IFAS faculty received a stipend to participate in Virtual Exchange Training.
- One IFAS doctoral student received a travel stipend through the Research Abroad for Doctoral (RAD) students program.
- 63 IFAS undergraduates enrolled in the International Scholars Program.
- Faculty, students, and staff made 463 trips to 81 countries.

university goal to prepare our students to navigate the increasingly complex challenges of a globalized world.

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 world.

The data represent a snapshot of international activity captured in August 2020. For many categories, the numbers fluctuate; for example, the number of formal agreements with foreign institutions changes daily as new partnerships are introduced and others are expired. For some data, such as for international graduate applications and the number of international students, the report captures Fall semester numbers to avoid double counting and redundancies.

The intent of this report is to showcase and highlight the extent and reach of UF's and the college's international activity in one inclusive report. As a top ranked, public university, IFAS faculty engage in research and international collaborative activity that is, by its sheer number, a challenge to document. For this reason, this report cannot be comprehensive of all international activity; however, it 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 Memoranda of Understanding (MOU)

The University of Florida connects to the world's best international universities and institutions through formal partnership international Memoranda of Understanding (MOUs). 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 aspect of our internationalization efforts.

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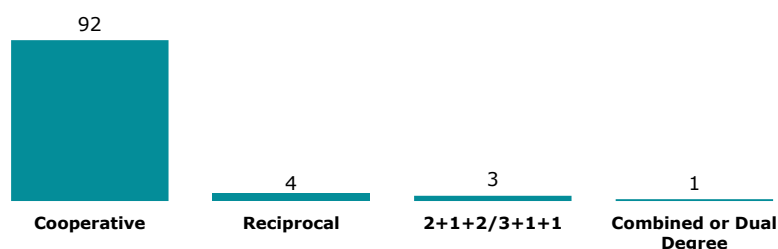
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- 100 total International MOUs
- 92 Cooperative MOUs (92%)
- 4 Reciprocal MOUs (4%)
- Four "other" category student exchange MOUs
- IFAS has formal MOUS with institutions in 41 countries; the majority are with institutions in Latin America and the Caribbean.

The MOU 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 2019/2020 academic year.

The International Center manages 389 international MOUs. The majority fall under two broad categories of Agreements – Cooperative and Reciprocal. At UF, most MOUs are Cooperative (73.3%). The Cooperative MOUs or Agreements are as diverse as the needs of our faculty. These collaborative partnerships provide a framework to pursue collaborative activity and do not represent a legal relationship. Often they start as a one-to-one collaboration with a UF partner and over the length of the agreement result in meaningful scholarly partnerships. Almost one quarter of all International MOUs are Reciprocal Agreements, which are a true exchange program MOUs where students from each institution spend time at the host institution as a non-degree, seeking student. There are International MOUs to cover combined and dual degree programs, transfer programs from other institutions, or special agreements among universities to accommodate unique circumstances for student exchanges which are all listed under the "Other" category.

Figure 2-1: Number of IFAS International MOUs



Of all UF International MOUs, 26% or 100 MOUs are affiliated with the Institute of Food and Agricultural Sciences. The overwhelming majority are Cooperative MOUs, with only four percent as Reciprocal (Figure 2-1).

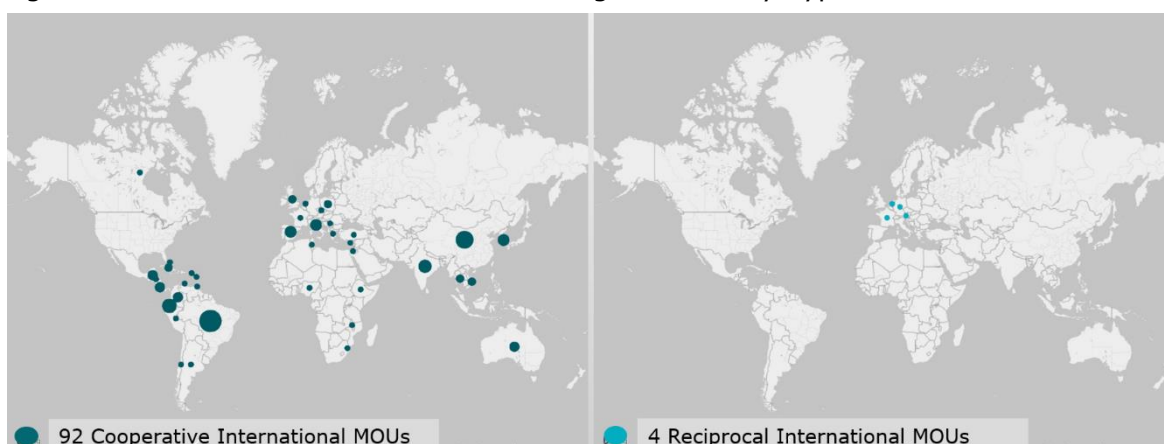
Agreements by College

Of all units at UF, the Institute of Agricultural and Life Sciences (IFAS) has the greatest number of active international MOUs. IFAS has the most Cooperative Agreements of all units. Of all Reciprocal Agreements, the Warrington College of Business has established the greatest number of international MOUs (Table 2-1).

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

College/Unit	UFIC Administered MOUs			Total	
	Cooperative	Reciprocal	Other	Number	Percent
Area Study Centers	30	-	-	30	7.7
Arts	3	-	-	3	0.8
Business, Warrington College	4	36	1	41	10.5
Design, Construction and Planning	15	4	-	19	4.9
Education	5	-	1	6	1.5
Emerging Pathogens Institute	5	-	-	5	1.3
Engineering, Herbert Wertheim College	32	9	1	42	10.8
Florida Museum of Natural History	1	-	-	1	0.3
Health and Human Performance	14	3	-	17	4.4
Institute of Food and Agricultural Sciences	92	4	4	100	25.7
Journalism and Communications	1	1	-	2	0.5
Law, Fredric G. Levin College	4	1	-	5	1.3
Liberal Arts and Sciences	30	31	2	63	16.2
Medicine	15	-	-	15	3.9
Nursing	1	-	-	1	0.3
Pharmacy	9	1	1	11	2.8
Public Health and Health Professions	6	1	-	7	1.8
University Wide (International Center, Office of Research, Graduate School)	15	3	-	18	4.6
Veterinary Medicine	3	-	-	3	0.8
TOTAL	285	94	10	389	100%

Figure 2-2: Location of IFAS International Agreements by Type



International MOUs for the Institute of Food and Agricultural Sciences represent collaborative activity in 41 countries. A third of all MOUs are with institutions in Brazil, China and Ecuador. Half of all Cooperative MOUs are also with institutions in seven countries – Brazil, China, Ecuador, India, South Korea, Italy, and Spain. The four Reciprocal MOUs are with institutions in Europe – Austria, France, Germany and the Netherlands (Figure 2-2).

The geographic diversity is generally a reflection of the size of the unit. IFAS has the largest global footprint with 100 active international MOUs in 41 countries (Table 2-2). The list of all IFAS International MOUs is included in the Appendix of this report.

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

College/Unit	Number of MOUs	Number of Countries
Area Study Centers	30	13
Arts	3	3
Business, Warrington College	41	23
Design, Construction and Planning	19	11
Education	6	2
Emerging Pathogens Institute	5	5
Engineering, Herbert Wertheim College	41	19
Florida Museum of Natural History	1	1
Health and Human Performance	17	7
Institute of Food and Agricultural Sciences	100	41
Journalism and Communications	2	2
Law, Fredric G. Levin College	5	3
Liberal Arts and Sciences	63	30
Medicine	15	10
Nursing	1	1
Pharmacy	11	11

College/Unit	Number of MOUs	Number of Countries
Public Health and Health Professions	7	6
University Wide (International Center, Office of Research, Graduate School)	18	13
Veterinary Medicine	3	3
TOTAL	389	MOUs in 82 Countries

3. UF's Global Research Footprint

Institutional Review Boards (IRB): An Indicator of Global Research Capacity

Documenting the international research conducted by faculty, staff and student at UF is monumental. There is no consistency in labeling research as international unless it physically conducted outside of the US. One indicator of our research footprint can be the applications to UF's Institutional Review Boards (IRB) oversight of human subjects research.

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- 95 active or under review IRB studies.
- Human Subjects research active in 10 countries.

The IRB is charged with protecting the rights and welfare of participants in clinical trials and other human subjects research studies. UF IRB offices reviews and approves all research involving human subjects to ensure the welfare and rights of research participants are protected as mandated by federal and state laws, local policies, and ethical principles. As such, UF faculty, staff, and students must provide the IRB with a detailed plan of how their research will ensure the safety and welfare of any people who participate in their research project. When the research is conducted outside of the U.S., faculty, staff, and students are required to submit their research protocol that is compliant with the regulations in the U.S. and in the country where the research will take place.

The database that stores the applications for IRB approvals can serve as one indicator of the extent of international research at UF. It is not a comprehensive list and does not include research activities that do not involve people directly in the research methodology. It would not include studies that collect physical data. It would not include collaborative research among colleagues. It would include faculty collecting archival data. And, it would not include exploratory studies that are intended to train students. However, these data can partially highlight the scope of UF's global reach.

Active and Pending IRB Studies

Currently at UF, there are 673 active IRB studies including those under review. IFAS has 95 or 14.1% of all UF international IRB studies submitted that are either active or under review (Table 3-1).

Table 3-1: Number and Percent of IRB Protocols

College/Unit	Number	Percent
Arts	18	2.7
Business, Warrington College	30	4.5
Center for Latin American Studies	21	3.1
Design, Construction and Planning	24	3.6
Education	30	4.5
Emerging Pathogens Institute	10	1.5
Engineering, Herbert Wertheim College	11	1.6
Florida Museum of Natural History	1	0.1
Health and Human Performance	34	5.1
Institute of Food and Agricultural Sciences	95	14.1
Journalism and Communications	35	5.2
Libraries, George A. Smathers	2	0.3
Liberal Arts and Sciences	175	26.0
Medicine	96	14.3
Nursing	5	0.7
Pharmacy	16	2.4
Public Health and Health Professions	43	6.4
University Wide (International Center, Office of Research, Graduate School, Other)	15	2.2
Veterinary Medicine	12	1.8
TOTAL	673	100%

Number of Protocols by Country

The majority of IFAS IRB studies are in Latin America and the Caribbean (Figure 3-1). These active and under review protocols are engaged with research in 55 countries (Figure 3-2). Often, one study works in multiple countries and the map identifies an IRB protocol that lists the country as a venue for research.

Figure 3-1: Number of IFAS IRB Protocols by Region (Active and Under Review)

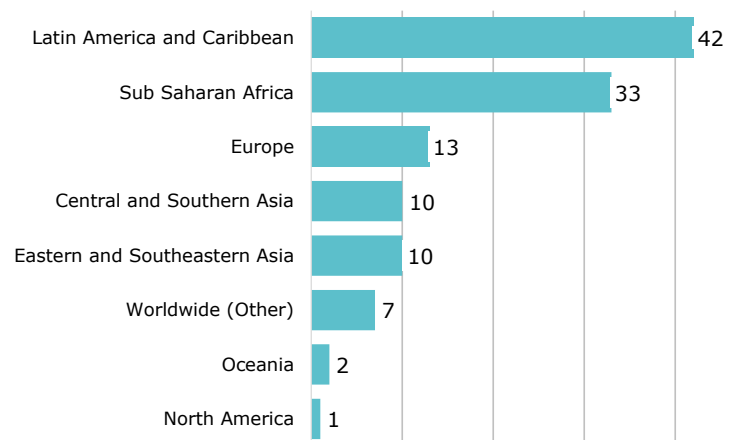
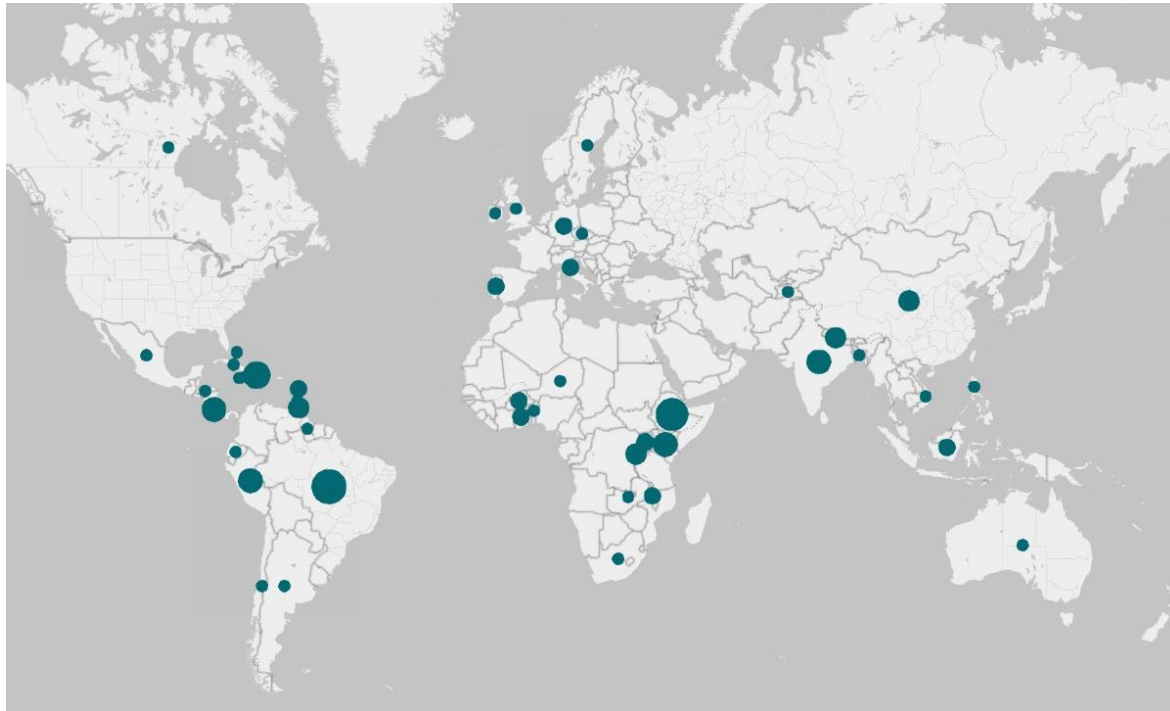


Figure 3-2: Location of IFAS IRB Protocols (Active and Under Review)



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. This year, UF's visiting scholars faced the additional challenge from the COVID-19 pandemic, international travel restrictions, and limited access to U.S. Embassies and Consulates for visa processing. Some of our visiting scholars had to return to their home country earlier than planned, while others were not able to travel and have a physical presence on campus. The impact of the pandemic will continue to make a difference in our numbers of visitors throughout our next academic year. The number of scholars at UF for the 2019/2020 academic year were not down substantially UF hosted 1,443 International Scholars, which is 90 less than last year. The effects of travel restrictions and embassy closures will be felt on the number of visiting scholars at UF beginning Fall 2020. The Institute of Food and Agricultural Sciences hosted 572 international scholars in the 2019/2020 academic year that is only 20 fewer than reported last year.

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- 572 international visiting scholars hosted by IFAS.
- 40% of all international visiting scholars are hosted by faculty in IFAS.
- The college hosts visiting scholars from 64 countries.
- The majority (74%) are research scholars primarily working on research projects with IFAS faculty.

Visiting scholars fit into one of four categories (Table 4-1):

1. Professor – Teaching is the primary function; more than 50% of their time devoted to teaching. Maximum duration is five years. Usually a small percentage of all visiting scholars come in this role. For this academic year, less than one percent of visiting scholars are in this category.
2. Research Scholar – Research is the primary function; more than 50% of their time devoted to research. Maximum duration is five years. At IFAS, three quarters of all visiting scholars fit into this category.
3. Short Term Scholar – Program allows research and teaching. Maximum duration of six-months.
4. Student Intern – International students completing an internship which 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. At UF, during this academic year, seven percent of all visiting scholars are Student Interns.

Table 4.1: International Visiting Scholars Hosted by IFAS

Category of Visiting Scholar	Number	Percent of Total
Research Scholar	424	74.1
Short-Term Scholar	105	18.4
Student Intern	42	7.3
Professor	1	0.2
TOTAL	572	100%

International Visiting Scholars by College

The highest percentage of international visiting scholars are hosted by IFAS attracting almost 40 percent of all scholars. Engineering, Medicine and Liberal Arts and Sciences host between 10 and 15 percent of international scholars.

Table 4.2: International Visiting Scholars by College

College	Professor	Research Scholar	Short-Term Scholar	Student Intern	Percent of UF Total
Arts	1	3	1	-	0.3
Business, Warrington College	1	17	15	1	2.4
Center for Latin American Studies	-	1	2	-	0.2
Dentistry	-	21	3	-	1.7
Design, Construction and Planning	-	13	8	-	1.5
Education	-	43	3	-	3.2
Engineering, Herbert Wertheim College	-	120	29	51	13.9
Florida Museum of Natural History	-	11	3	-	1.0
Health and Human Performance	-	12	2	-	1.0
Institute of Food and Agricultural Sciences	1	424	105	42	39.6
Journalism and Communications	-	6	-	-	0.4
Law, Levin College	-	5	2	-	0.5
Liberal Arts and Sciences	6	112	21	3	9.8
Medicine	-	165	18	-	12.7
Nursing	-	1	-	-	0.1
Other	-	15	1	1	1.2
Pharmacy	-	61	16	5	5.7
Public Health and Health Professions	-	17	2	-	1.3
Veterinary Medicine	-	39	13	1	3.7
TOTAL	9	1,086	244	104	100%

Country of Citizenship of International Visiting Scholars

International Visiting Scholars in the college represent 64 countries. A third of all international visitors are from China and one quarter from Brazil (Figure 4 -1).

The majority are Research Scholars (424) from 49 different countries.

Similar to overall trends in IFAS, the majority (41%) are from China and 22% are from Brazil. The 105 short-term scholars represent 32 countries.

Figure 4-1: IFAS International Visiting Scholars by Citizenship

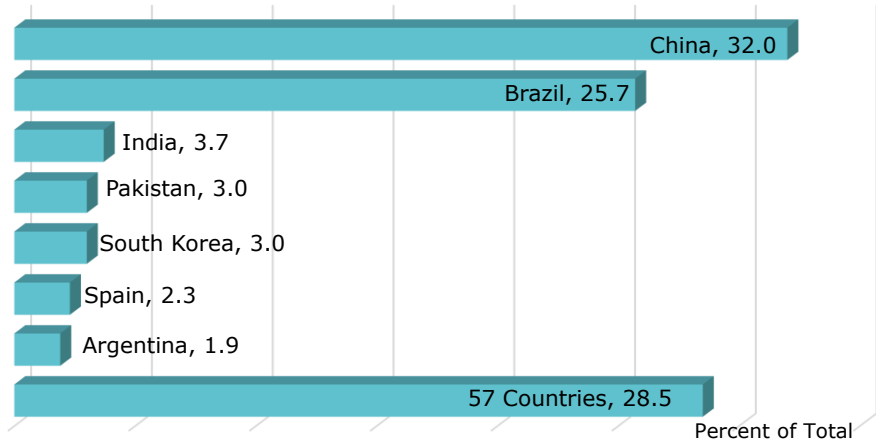


Figure 4-2: International Visiting Scholars Hosted by IFAS



5. International Student Applications

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- IFAS received 805 international student applications from 88 countries.
- Five percent of all international student applications are to IFAS.
- 39% of international applications are for doctorates and 31% for master degrees.

International Applications by Type of Program

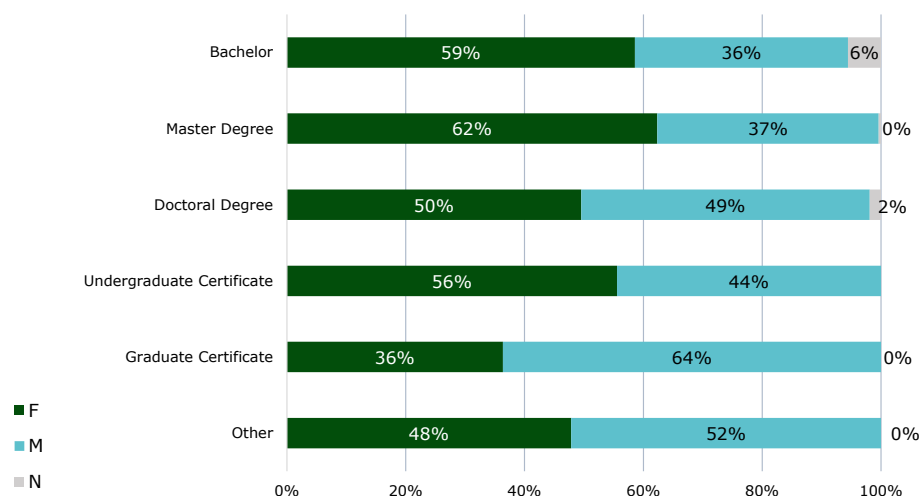
During the 2019/2020 academic year, 805 international students applied for degrees to the College of Agricultural and Life Sciences. The majority of international applications, a more than one third, are for doctorates, 31% for master level programs, and 25% for bachelor degrees. (Table 5-1).

Table 5.1: IFAS International Applications by Degree Type

Degree	Number	Percent
Bachelor Degree	198	24.6
Master Degree	247	30.7
Doctoral Degree	317	39.4
Undergraduate Certificate	9	1.1
Graduate Certificate	11	1.4
Other	23	2.9
TOTAL	805	100.0%

For all IFAS degree programs, 56% are from female applicants, 42% from male applicants and 2% did not report. For all programs other than the graduate certificate and "other" category, the majority of applications are from female students (Figure 5-1).

Figure 5-1: International Applications by Type of Degree and Gender (Female, Male, Non-Disclosed)



International Applications by College

The volume of international applications are generally correlated to the size of the college. However, 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, UF's largest college, has the second highest number of international applications followed by the Warrington College of Business. These three units account for three quarters of all international applications to UF. The Institute of Food and Agricultural Sciences accounts for 5.4% of all applications (Table 5-2).

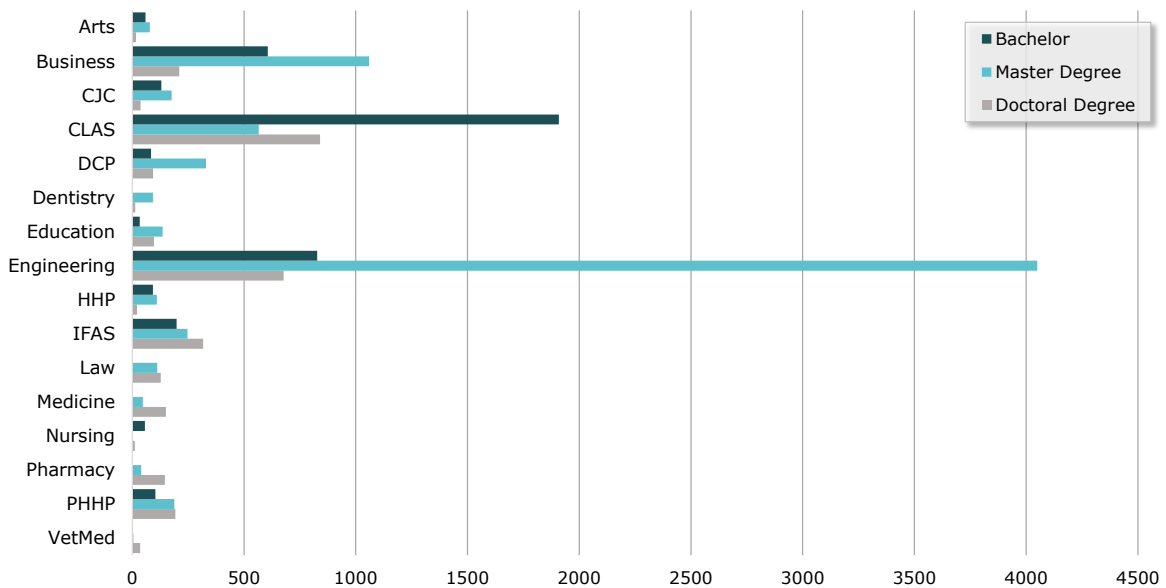
Table 5-2: International Applications (Number and Percent)

College	Number	Percent
Arts	162	1.1
Business, Warrington College	1,909	12.8
Dentistry	143	1.0
Design, Construction and Planning	514	3.5
Education	302	2.0
Engineering, Herbert Wertheim	5,672	38.1
Health and Human Performance	233	1.6
Institute of Food and Agricultural Sciences	805	5.4
Journalism and Communications	348	2.3
Law	249	1.7
Liberal Arts and Sciences	3,407	22.9
Medicine	252	1.7
Nursing	68	0.5
Pharmacy	262	1.8

College	Number	Percent
Public Health and Health Professions	499	3.4
Veterinary Medicine	77	0.5
TOTAL	14,902	100%

The number of international applications by degree type differs by college. Liberal Arts and Sciences receives the most applications for doctoral programs and undergraduate programs than any other unit. Engineering receives the greatest number of applications for master degrees than any other UF unit. Proportionally, by unit, there is more of a spread in the number of applications for the three levels of degrees in the Colleges of Liberal Arts and Sciences and Engineering. Whereas, proportionally, Liberal Arts and Sciences has a higher percentage of international applications for undergraduate program, the Herbert Wertheim College has a disproportionately higher percent of applications for master level degrees. At IFAS, the distribution of applications by degree type is not so variable. Most applications are for doctoral programs (42%), then master programs (32%) and then for undergraduate degrees (26%) (Figure 5-2).

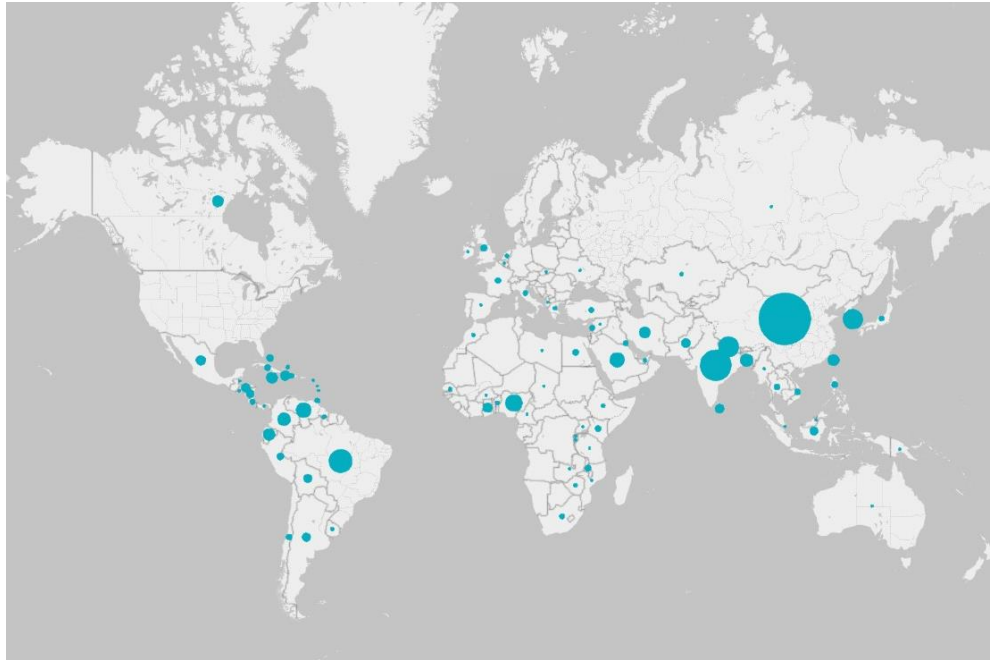
Figure 5-2: Number of International Applications by College and Degree Type



International Applications by Citizenship

The college received applications from 88 countries. Half of IFAS applicants are from four countries; 1) China; 2) India, 3) Brazil, and 4) Nepal. For IFAS bachelor programs, students apply from 49 countries; the majority from China. For master level programs, students apply from 51

Figure 5-3: Country of Citizenship of IFAS International Applications



countries, almost one third from China. For college doctoral programs, students apply from 55 countries and a little more than one quarter from China.

Table 5.3: Total Number of International Applications by Country

Country of Citizenship	All International Applications	
	Number	Percent
China	232	28.8
India	84	10.4
Brazil	48	6.0
Nepal	37	4.6
84 Countries	404	50.2
TOTAL	805	100.0%

Table 5.4: International Applications for Graduate and Undergraduate Programs by Country

Country of Citizenship	Graduate (Master, Doctoral, Certificate)		Country of Citizenship	Undergraduate (Bachelors and Certificate)	
	Number	Percent		Number	Percent
China	168	29.2	China	137	30.2
India	70	12.2	India	47	10.4
Nepal	37	6.4	Brazil	30	6.6
Brazil	33	5.7	Nepal	21	4.6
South Korea	30	5.2	68 Countries	219	48.2
Nigeria	26	4.5	TOTAL	454	100%
66 Countries	211	36.7			
TOTAL	575	100%			

6. International Students

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- There are 492 international students during the Fall 2019 semester.
- 10% of all international students enrolled in IFAS
- 84% are enrolled in a graduate program.
- IFAS international students (including students registered in OPT) represent 77 countries.
- 28% of all international students are from China and 12% from Brazil.
- 51% of all IFAS international students are male; 47% are female and 2% not reported.
- An additional 150 (23%) enrolled in OPT.

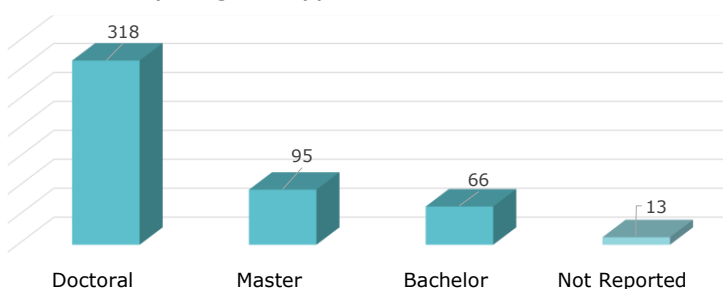
Each year, the International Center welcomes and assists students from around the world to help them make a smooth transition to student life at the University of Florida. The data reported here reflect UF's submission to the Open Doors Report to the US Department of State, Bureau of Educational, and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

International Students by Degree

The Open Doors Report includes counts of all international students registered for the Fall 2019 semester. There are 492 international students enrolled in the Institute of Food and

Agricultural Sciences. The majority are pursuing a graduate degree, 65% enrolled in a doctoral program and 19% in a master's. Thirteen percent are enrolled in the undergraduate program. Additionally there are 150 students participating in the Optional Practical Training (OPT)¹.

Figure 6-1: Number and Percent of International Students by Degree Type



International Students by College and Degree

The greatest number of international students are enrolled in the Colleges of Engineering and Liberal Arts and Sciences. Of all international students pursuing a bachelor degree, the majority are in the College of Liberal Arts and Science, Engineering and in Business. Almost half (44%) of all graduate students are enrolled

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.

in Engineering. Ten percent of all international students are enrolled in IFAS programs (Table 6-1).

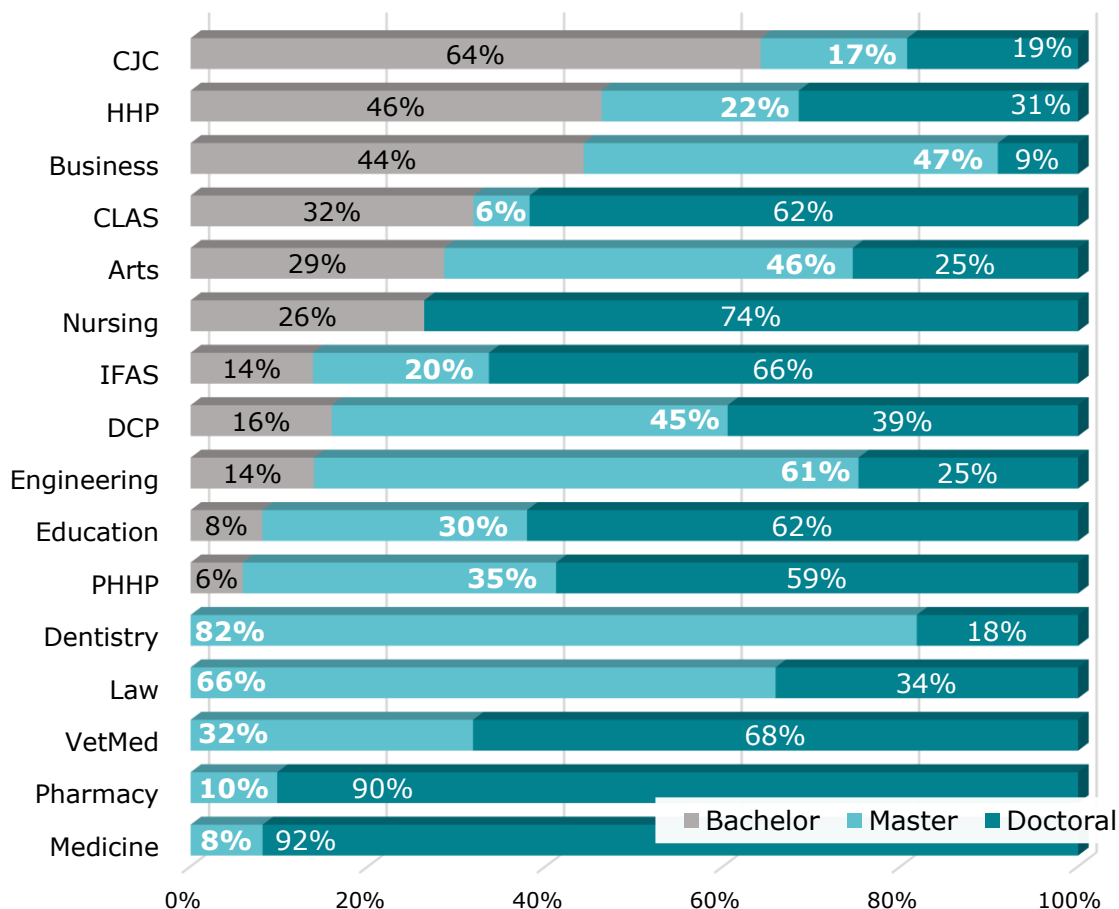
Table 6-1: UF International Students by College and Degree

College	Bachelor Degree		Graduate Degree		Non Degree		Total	
	No.	%	No.	%	No.	%	No.	%
Arts	18	1.9	45	1.3	4	0.9	67	1.4
Business, Warrington College	186	19.5	234	6.7	43	9.9	463	9.4
Dentistry		-	11	0.3	-	-	11	0.2
Design, Construction and Planning	31	3.3	164	4.7	5	1.2	200	4.1
Education	10	1.0	120	3.4	6	1.4	136	2.8
Engineering, Herbert Wertheim	249	26.1	1,541	43.8	62	14.3	1,852	37.8
English Language Institute	-	-	-	-	-	50.7	220	4.5
Health and Human Performance	50	5.2	58	1.6	19	4.4	127	2.6
Institute of Food and Agricultural Sciences	66	6.9	413	11.7	13	3.0	492	10.0
Journalism and Communications	70	7.3	39	1.1	-	-	109	2.2
Law, Levin College	-	-	44	1.3	2	0.5	46	0.9
Liberal Arts and Sciences	262	27.5	560	15.9	45	10.4	1,087	17.7
Medicine	-	-	74	2.1	7	1.6	81	1.7
Nursing	5	0.5	14	0.4	-	-	19	0.4
Pharmacy	-	-	82	2.3	6	1.4	88	1.8
Public Health and Health Professions	6	0.6	96	2.7	-	-	102	2.1
Veterinary Medicine	-	-	22	0.6	2	0.5	24	0.5
TOTAL	953	100%	3,517	100%	434	100%	4,904	100%

Trends across all colleges show that the majority of international students are enrolled in graduate programs. With the exception of the College of Journalism and Communications, the ratio of international graduate students to international undergraduates is consistently higher. Within graduate programs, the Colleges of the Arts, Business, Dentistry, Design, Construction and Planning, and Law have greater enrollment for their master degrees than for doctorates. For other units, the proportion of international students in doctoral programs outweigh those in master

level programs. Twelve percent of all international graduate students and seven percent of undergraduate students are in IFAS (Table 6.1; Figure 6-2).

Figure 6-2: International Students by Degree Type and College



International Students: Home Country

The 492 international students (not including OPT) enrolled in an IFAS major represent 74 countries. The majority, two thirds, are from Eastern and Southeastern Asia and one third from Latin America and the Caribbean (Table 6-2). One quarter of all IFAS, non OPT students are from Asia (Table 6-3).

Table 6-2: Region of Citizenship (IFAS All Students)

Country of Citizenship	All International Students*	
	Number	Percent
Eastern and Southeastern Asia	171	34.8
Latin America and the Caribbean	153	31.1
Central and Southern Asia	79	16.1
Sub Saharan Africa	40	8.1
Europe	29	5.9
North Africa and Western Asia	18	3.7
North America	1	0.2
Oceania	1	0.2
TOTAL	492	100%

*Non OPT

Figure 6-3: Country of Citizenship of IFAS International Students (Including OPT)

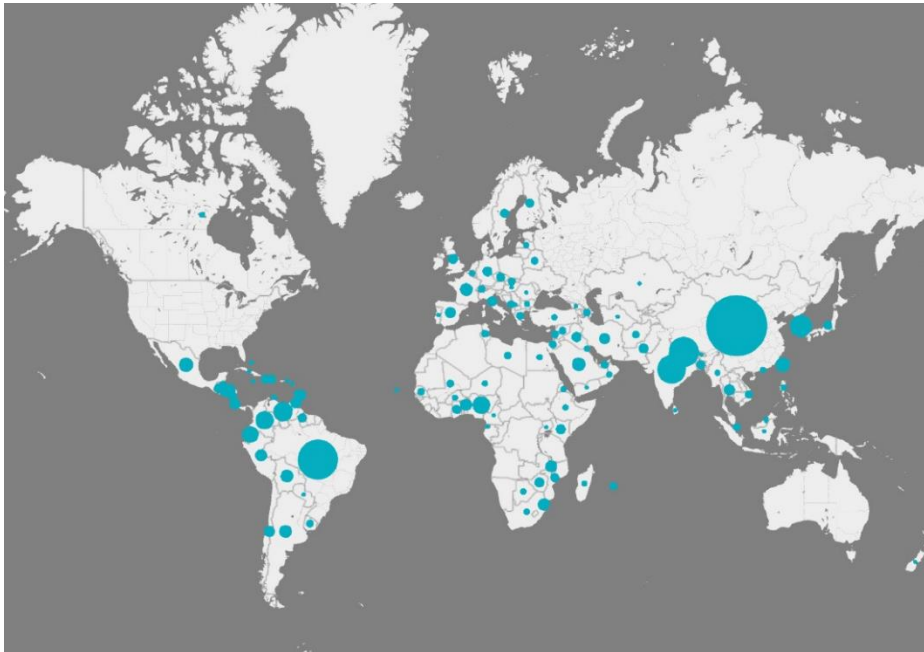


Table 6.3: Country of Citizenship: All IFAS Majors

Country of Citizenship	All International Students*	
	Number	Percent
China	127	25.8
Brazil	59	12.0
Nepal	34	6.9
India	29	5.9
70 Countries	243	49.4
TOTAL	492	100%

*Not Including OPT.

There are 66 declared undergraduate majors in IFAS from 21 countries. The majority are from China and Venezuela. Half of all IFAS undergraduates are from Eastern and Southeastern Asia and one third are from Latin America and the Caribbean.

Table 6.4: Country of Citizenship (Undergraduate Students)

Country of Citizenship	Undergraduate Students	
	Number	Percent
China	25	37.9
Venezuela	10	15.2
South Korea	5	7.6
Bolivia	3	4.6
India	3	4.6
16 Countries	20	30.3
TOTAL	66	100%

In Fall 2019, there were 413 non OPT students enrolled in master’s and doctoral programs at IFAS. The students are from 66 countries and the majority from China and Brazil. There were 95 international students enrolled in master programs from 34 countries, the majority from China, Nepal, and Brazil. The 318 international students pursuing a doctorate are from 53 countries, and almost half are from China, Brazil and India. Based on region, almost equal numbers of graduate students are from Eastern and Southeastern Asia (33%) and Latin America and the Caribbean (32%) (Table 6-5)

Table 6-5: Country of Citizenship (Non OPT Master and Doctoral Students)

Country of Citizenship	Master		Country of Citizenship	Doctoral	
	Number	Percent		Number	Percent
China	21	22.1	China	78	24.5
Nepal	14	14.7	Brazil	43	13.5
Brazil	14	14.7	India	23	7.2
39 Countries	46	48.4	Nepal	20	6.3
TOTAL	95	100%	49 Countries	154	48.4
			TOTAL	318	100%

Optional Practical Training (OPT)

There is a substantial number of international students at UF who have graduated and have decided to seek temporary training and/or employment. In Fall 2019, there were 150 IFAS students enrolled in OPT. If including these students in the overall number of international students in the college, almost one quarter, 23% are participating in OPT. Of all OPT enrolled students at UF, more than half are in the Herbert Wertheim College of Engineering. The Colleges of Business and Liberal Arts and Sciences also

have sizeable numbers. Significantly fewer students graduating with a bachelor degree pursue OPT; only 4% have graduated with a bachelor degree. More master degree graduates pursue OPT and comprise 75% of all OPT students. Only 6.6% of IFAS students (mostly graduate students) are registered in OPT. Of those graduate students 71% have completed a doctorate and 20% a master degree (Table 5-2).

Table 6-6: OPT Students by College (Number and Percent)

College	Bachelor Degree		Graduate Degree*		Total	
	No.	%	No.	%	No.	%
Arts	2	2.2	5	0.2	7	0.3
Business, Warrington College	18	19.4	226	10.4	244	10.8
Dentistry	-	-	2	0.1	2	0.1
Design, Construction and Planning	4	4.3	98	4.5	102	4.5
Education	-	-	25	1.2	25	1.1
Engineering, Herbert Wertheim	33	35.5	1,291	59.5	1,324	58.4
Health and Human Performance	5	5.4	19	0.9	24	1.1
Institute of Food and Agricultural Sciences	14	15.1	136	6.3	150	6.6
Journalism and Communications	4	4.3	10	0.5	14	0.6
Law, Levin College	-	-	11	0.5	13	0.6
Liberal Arts and Sciences	10	10.8	265	12.2	275	12.1
Medicine	-	-	26	1.2	26	1.1
Nursing	-	-	2	0.1	2	0.1
Pharmacy	-	-	16	0.7	17	0.7
Public Health and Health Professions	3	3.2	33	1.5	36	1.6
Veterinary Medicine	-	-	5	0.2	5	0.2
Not Reported	-	-	-	-	2	0.1
TOTAL	93	100%	2,170	100%	2,268	100%

*Includes 1,700 master's graduates; 469 doctoral graduates; and 1 Specialist in Education Degree.

IFAS international students participating in the OPT program come from 34 countries. A little more than an third (56 or 37.3%) of IFAS OPT students are from Eastern and Southeastern Asia and almost an equal number (55 or 36.7%) from Latin America and the Caribbean.

Table 6-7: Country of Citizenship (OPT)

Country of Citizenship	Number	Percent
China	50	33.3
Brazil	17	11.3
India	10	6.7
Nepal	9	6.0
Venezuela	8	5.3
Colombia	8	5.3
Honduras	5	3.3
27 Countries	43	28.7
TOTAL	150	100%

7. Study Abroad Programs

Study Abroad Services (SAS) faced many challenges over the course of the 2019-2020 Academic Year. Beginning with protests last fall in Hong Kong forcing exchange partner institutions to shut down and requiring UFIC to evacuate eight students, we

have experienced one challenge after another.

in numero

Institute of Food and Agricultural Sciences

- 44 students studied abroad; 5.5% of all study abroad students at UF
- 80% of IFAS study abroad students are undergraduates; 7% are graduate students; and 14% did not report.
- 73% participated in the spring semester; 27% in the fall. No students participated during the summer.
- All but one student, 43 participated in a traditional study abroad experience and one student pursued independent study credit.
- More than half of study abroad students are white (59%); 25% are Hispanic or Latino; 9% are Black; 4.5% are multi ethnic; and 2% are Asian.
- 82% of IFAS study abroad students are female.
- Students travelled to 17 countries. The majority (64%) participated in a program with an institutions in Latin America or the Caribbean.

In the spring, we found ourselves in uncharted territory, as the snowball spread of COVID forced us to change plans overnight and create policies where none previously existed. As the virus jumped from Asia to Europe, one of the most popular study abroad destinations for UF students - Italy- became a COVID epicenter. UF made the difficult decision to evacuate 43 students and faculty in the School of Architecture from Vicenza, Italy. Unfortunately, this was only the first of many difficult decisions. Understandably, this was incredibly disappointing, but as the semester progressed, and the U.S. Department of State issued an unprecedented worldwide Level 4 Travel Advisory, study abroad at UF came to a halt.

In total, 279 study abroad students began a study abroad experience and were affected by the pandemic in the spring. With a few exceptions, nearly all of those students returned to the U.S. to complete their semester remotely. For those who elected to remain abroad of their own accord, their coursework also transitioned to online platforms. With their return, students faced new challenges with remote learning, especially those that were participating in overseas internships.

Throughout all these challenges, the International center continues to be committed to providing a study abroad experience for our students in the future. We believe that studying, interning, or conducting research abroad is a 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. We will continue to invest in study abroad programs as we gear up for the Summer and Fall 2021 terms.

Study Abroad by College

This year, substantially fewer students participated in a study abroad; however, with few exceptions, almost all colleges had some students enrolled. In the 2018/19 academic year a total 2,637 students travelled abroad for a University of Florida sanctioned study abroad experience. In comparison, in 2019/20, 803 were able to participate in a study abroad program. For the Institute of Food and Agricultural Sciences programs, 192 students participated in 2018/19 and only 44 during this academic year. This is a dramatic shift from last year when three percent of the students enrolled in IFAS travelled abroad compared to this year's less than one percent².

The greatest number of students, almost half of all study abroad are in the Warrington College of Business. Of all students enrolled in Warrington College of Business, five and one half percent participated in study abroad this year. This represents the highest percentage of all colleges. The Colleges Liberal Arts and Sciences, Engineering, and of Design, Construction and Planning had relatively large number of students enrolled in study abroad (Table 7-1).

Table 7.1: Number of Students who Participated in Study Abroad by College

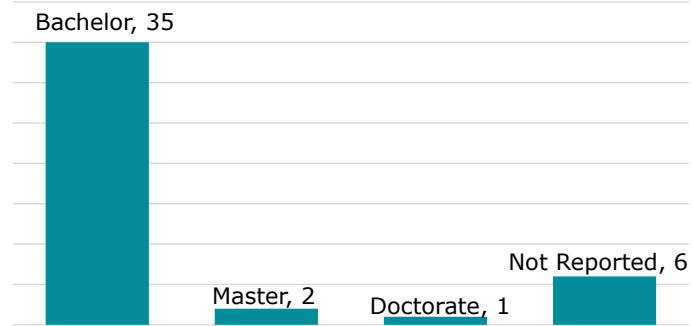
College	Number of Study Abroad Students	Percent of All UF Study Abroad Students	Percent of Study Abroad Students Enrolled in College
Arts	3	0.4	0.2
Business, Warrington College	376	46.8	5.5
Design, Construction and Planning	76	9.5	4.5
Engineering, Herbert Wertheim College	70	8.7	0.7
Health and Human Performance	7	0.9	0.3
Institute of Food and Agricultural Sciences	44	5.5	0.7
Journalism and Communications	39	4.9	1.3
Law, Levin College	6	0.7	0.7
Liberal Arts and Sciences	166	20.7	1.2
Nursing	2	0.2	0.2
Pharmacy	6	0.7	0.3
Public Health and Health Professions	3	0.4	.1
Other	4	0.5	
TOTAL	803	100%	1.5

² The percentage of students is calculated by dividing the number who participated in study abroad during the 2019/2020 academic year by the total number of students registered at UF in Fall 2019. This includes all undergraduate and graduate students both on campus and online.

Graduate vs Undergraduate Study Abroad

Primarily, undergraduates are most likely to participate in study abroad. In the College, the majority (80%) of students are undergraduates. Three or 7% are graduate students and six students (14%) did not report. (Figure 7-1).

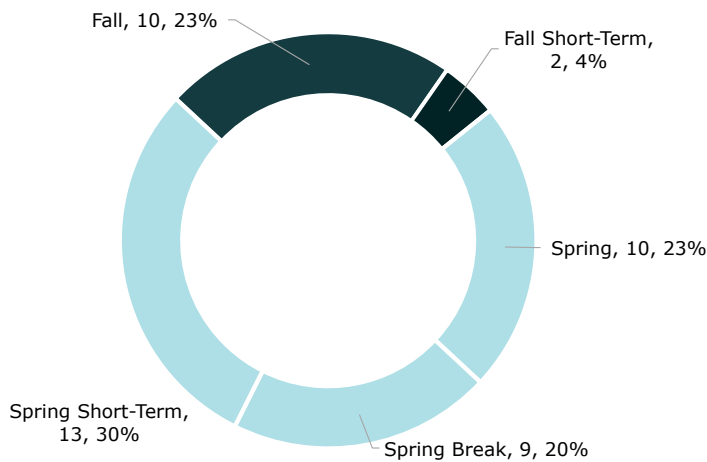
Figure 7-1: Number of Study Abroad Students by Academic Level



Study Abroad Programs and Terms

Traditionally, the majority of students participate in study abroad during the summer.

Figure 7-2: Participation in Study Abroad by Term (Number and Percent)



Last year almost 70% of all study abroad students participated in a summer abroad program at UF and 85% of IFAS students studied abroad during the summer. This year, the International Center cancelled summer programming and all travel was limited to the fall and spring semesters (Figure 7-2; Table 7-2).

With this year's unique circumstances, the majority (73%) of IFAS students participated in study abroad in

the spring and substantially fewer (27%) participated in the fall prior to the travel restrictions. Those students and those participating in the Spring Semester may have participated virtually online with our partner institutions for all or part of the program.

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	-	33.3	-	33.3	33.3	-	-	3
Business, Warrington College	0.5	13.0	49.2	19.1	18.1	-	-	376
Design, Construction and Planning	-	42.1	1.3	56.6	-	-	-	76
Engineering, Herbert Wertheim College	1.4	34.3	11.4	38.6	14.3	-	-	70
Health and Human Performance	-	14.3	-	71.4	14.3	-	-	7
Institute of Food and Agricultural Sciences	-	22.7	4.5	22.7	20.5	29.5	-	44
Journalism and Communications	-	25.6	2.6	64.1	7.7	-	-	69
Law, Levin College	-	-	83.3	-	16.7	-	-	6
Liberal Arts and Sciences	8.4	39.2	4.2	41.6	4.2	2.4	-	166
Nursing	-	-	-	50.0	50.0	-	-	2
Other	-	25.0	-	75.0	-	-	-	4
Pharmacy	-	83.3	-	16.7	-	-	-	6
Public Health and Health Professions	-	-	-	66.7	33.3	-	-	3
PERCENT	2.1	25.3	25.5	32.4	12.6	2.1	-	100%
TOTAL NUMBER OF STUDENTS	17	203	205	260	101	17	0	803

Type of Study Abroad Experiences

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 other unique projects while abroad which qualify for academic credit. Of all IFAS students who studied abroad, all but one participated in a traditional program. One student pursued an independent study program (Table 7-3).

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	Independent Study	
Arts	3	-	-	-	3
Business, Warrington College	348	28	-	-	376
Design, Construction and Planning	75	1	-	-	76
Engineering, Herbert Wertheim College	64	1	5	-	70
Health and Human Performance	7	-	-	-	7
Institute of Food and Agricultural Sciences	43	-	-	1	44
Journalism and Communications	34	4	-	1	39
Law, Levin College	6	-	-	-	6
Liberal Arts and Sciences	154	10	2	-	166
Nursing	2	-	-	-	2
Pharmacy	-	-	-	6	6
Public Health and Health Professions	2	1	-	-	3
Not reported	3	1	-	-	4
PERCENT	92.4%	5.7%	0.9%	1.0%	100%
TOTAL NUMBER OF STUDENTS	742	46	7	8	803

Program Destinations

IFAS students participated in programs with institutions in 17 countries. The majority, almost two thirds of IFAS students participated in a program in Latin America/Caribbean, mostly with programs in the Netherland Antilles, Costa Rica and Ecuador. Eight students participated in European programs; three students in Ireland and one each in the Netherlands, Austria,

Figure 7-3: Study Abroad by Region



Spain, France and Germany. Two students, each, engaged in programs in Australia and New Zealand.

Table 7.4: Study Abroad Destinations for IFAS

Country	Percent of Students	Number of Students
Netherland Antilles	13	29.5
Costa Rica	8	18.2
Ecuador	5	11.4
14 countries	18	40.9
TOTAL	44	100%

Study Abroad Student Profile

More than half (59%) of all IFAS students who studied abroad during the 2019/2020 academic year are white students. Hispanic/Latino students comprise 25% of study abroad students. Substantially fewer (9%) percent are Black or African American; 4.5% are multi ethnic; and 2% are Asian. More female students (82%) participate in study abroad overall and among all race and ethnicity. The ration between male and female is consistent among all ethnic/racial groups; yet, marginally closer among Hispanic and Latino students who have a slightly greater percentage of male students participating.

However, with only 44 students participating, it is difficult to make generalizations related to trends in gender, race and ethnicity. (Figure 7-4; Table 7-5).

Figure 7-4: IFAS Study Abroad Students by Race and Ethnicity (Percent)

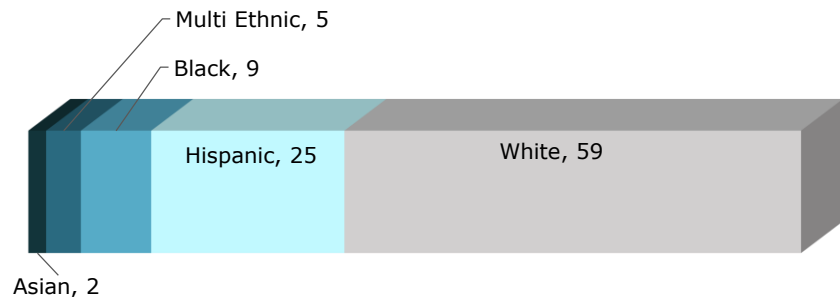


Table 7.5: Gender, Race, and Ethnicity of Study Abroad Students

Race and Ethnicity	Female		Male	
	No.	Percent	No.	Percent
White	23	88.5	3	11.5
Hispanic/Latino	7	63.6	4	36.4
Black/African American	3	75.0	1	25.0
Asian	1	100.0	-	-
Multi Ethnic	2	100.0	-	-
TOTAL	36	81.8	8	18.2

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.

International Educator Awards

In 2019/20, the Institute of Food and Agricultural Sciences named the following faculty and staff as the IFAS International Educator of the Year.

Senior Faculty Award:

- Dr. Keith Diem, Professor and Extension Specialist, IFAS, Family, Youth and Community Sciences
- Dr. Gerrit Hoogenboom, Professor, Agricultural and Biological Engineering

Junior Faculty Award:

- Dr. Rhuano Ferrarezi, Assistant Professor, Citrus Horticulture
- Dr. Jorge Ruiz-Menjivar, Assistant Professor, IFAS, Family, Youth and Community Sciences

Staff Award

- Cynthia L. Hight, Academic Program Specialist I, Agronomy
- Cheryl Porter, Research Coordinator III, Agricultural and Biological Engineering

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Institute of Food and Agricultural Sciences

- Two IFAS faculty awarded a Global Fellowship (\$12,000).
- Five IFAS faculty enrolled in the Global Learning Institute (\$20,000).
- One IFAS Faculty participated in the Study Abroad Leadership Program (\$3,500).
- One IFAS faculty received a stipend to participate in a Virtual Exchange Training (\$500).
- 60 IFAS faculty, staff, and students attended a Fulbright event.
- One IFAS doctoral student received travel grant for fieldwork or international collaborative research to support their dissertation (\$4,696).
- 63 IFAS undergraduate students enrolled in the UF International Scholars Program.
- 16 IFAS students graduated with an International Scholars Medallion.

Global Fellows Program

The International Center provides junior faculty with a \$5,000 Global Fellows stipend to pursue international and/or cross cultural research. The program provides an additional \$1,000 stipend to a faculty who serves as a mentor to the Global Fellow.

Fellows (\$10,000):

- Dr. Jonathan Judy, Department of Soil and Water Sciences
- Dr. Julie Meyer, Microbial Ecology and Bioinformatics, Department of Soil and Water Sciences

Mentors(\$2,000):

- Dr. Tom Frazer, School of Natural Resources and Environment
- Dr. Jim Jawitz, Landscape Hydrology, Department of Soil and Water Sciences

Global Learning Institute

The Office of Global Learning at the International Center supports faculty in their course internationalization efforts. The Global Learning Institute is a semester-long program where faculty learn about internationalization models, campus resources, and teaching methods to support global learning. The program reinforces professional development at UF by creating interdisciplinary learning communities and by expanding the teaching toolkit of our faculty.

Institute of Food and Agricultural Research (20,000)

- Sara Agnelli, Adjunct Assistant Professor, One Health Center of Excellence
- Anthony Auletta, Lecturer, Entomology & Nematology
- Rebecca Baldwin, Associate Professor, Undergraduate Coordinator, Entomology & Nematology
- Susan Curry, Senior Lecturer, Undergraduate Coordinator, Soil and Water Sciences
- Rania Gollakner, Coordinator, One Health Center of Excellence

Study Abroad Leadership Program

The International Center provides training, tools, and funding to support UF faculty in developing new and innovative faculty-led study abroad programs. To increase diversity in study abroad participation from students in under-represented majors, under-represented ethnic/racial/gender identities, and in non-traditional locations, UFIC provides a \$3,500 stipend to cover expenses of a site visit.

Institute of Food and Agricultural Sciences (\$3,500)

- Andy Ogram, Professor of Microbial Ecology, Sand Water Sciences Department

Virtual Exchange Training

Through virtual exchange, faculty can connect their UF classes with students and faculty abroad to collaborate on assignments, acquire global perspectives on a given discipline, and develop intercultural competence skills. The International Center Office of Global Learning provides training to help faculty design and incorporate virtual international content and communication activities into existing courses. The following IFAS staff received a \$500 stipend and participated in the program:

Institute of Food and Agricultural Research (\$500)

- Biswadeep Dhar, Doctoral Researcher/PhD Student, Family, Youth & Community Sciences

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 program's 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 2019/2020 academic year, the International Center co-sponsored nine events attended by 194³ faculty, students and staff from almost every college at UF.

Table 8.1: Attendance at UF Fulbright Events

Event	Number Attended
Fulbright Luncheon with Gary Monroe	77
Engaging the World Through the Fulbright Program	43
My Fulbright in 7 Minutes (Jan)	40
My Fulbright in 7 Minutes (Oct)	31
Social Media and Political Participation in Cameroon	25
How To Prepare a Successful Fulbright Application	18
Fulbright Lunch	12
Fulbright Scholar Program Information Session	6
Things to Consider When Applying for A Fulbright	1
Other	8
	TOTAL 261

³ Several people attended multiple events; therefore, the number of attendees per event is higher at 261.

Table 8.2: Attendance at Fulbright Events by College and Unit

College/Unit	Number Attended*
Institute of Food and Agricultural Sciences	60
Liberal Arts and Sciences	43
UF International Center	30
Arts	19
Design, Construction and Planning	19
UF Administrative Office	12
Engineering, Herbert Wertheim College	9
George A. Smathers Libraries	8
Journalism and Communications	7
FLMNH and Harn	4
Multi-Disciplinary Research Centers	4
Medicine	3
Nursing	3
Pharmacy	3
Education	2
Veterinary Medicine	1
Health and Human Performance	1
Law, Levin College	1
Public Health and Health Professions	1
Other	4
Not Reported	27
TOTAL	261

*Faculty/students/staff may have participated in multiple events and one person could be counted at multiple of events.

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 2019/2020 academic year, the International Center provided support for the following IFAS doctoral research.

- **Kimberly Ledger**, Department of Wildlife Ecology and Conservation, \$4,696 for research in South Africa (\$4,696).

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. There are 62 ISP students in IFAS and sixteen students had graduated with the designation. To graduate with the International Scholars designation, the student must meet four requirements:

1. Two 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

Eleven percent of students enrolled in the International Scholars Program are students affiliated with IFAS and 19% of graduates with an ISP designation are from IFAS (Table 8-3).

Table 8.3: International Scholars Program by College

College/Unit	International Scholars Enrolled		International Scholars Graduated	
	Total Enrolled	Percent	Total Graduated	Percent
Arts	25	4.7	2	2.3
Business, Warrington College	46	8.6	5	5.8
Design, Construction and Planning	4	0.8	-	-
Engineering, Herbert Wertheim College	36	6.8	2	2.3
Health and Human Performance	9	1.7	1	1.2
Institute of Food and Agricultural Sciences	62	11.6	16	18.6
Journalism and Communications	27	5.1	2	2.3
Liberal Arts and Sciences	300	56.3	56	61.1
Nursing	7	1.3	-	-
Public Health and Health Professions	17	3.2	2	2.3
TOTAL	533	100%	86	100%

9. Travel Registry

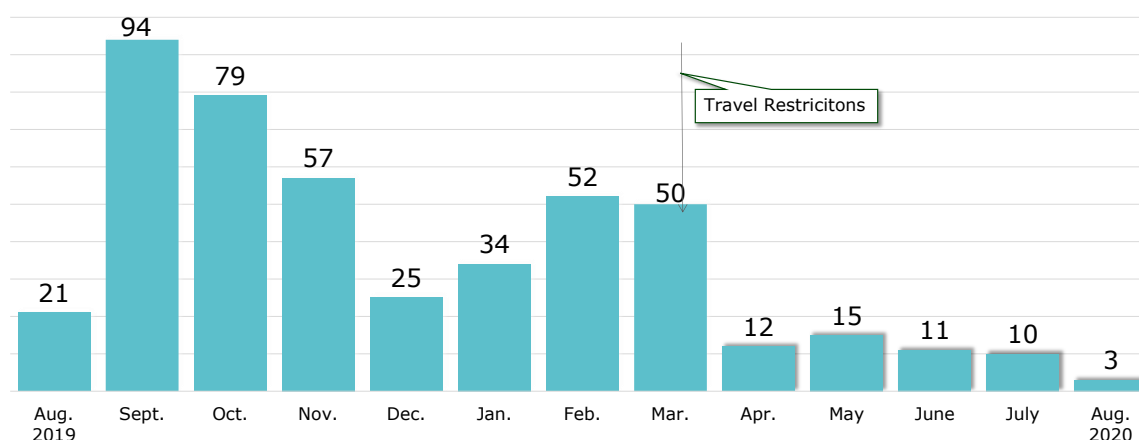
University of Florida faculty, staff, and researchers travel internationally as part of their official UF duties. For example, they may travel to attend conferences, collect field data, engage in outreach activities, collaborate with partners, participate in meetings, recruit students, etc. As with all aspects of international engagement, the university restricted travel by March 20, 2020⁴. At that time, UF restricted all non-essential university travel following Centers for Disease Control guidelines. In limited cases, university leadership approved essential travel, and the numbers beginning March 2020 reflect the decrease in travel activity (Figure 9-1).

in numero

Institute of Food and Agricultural Sciences

- Faculty, students, and staff made 463 trips.
- Faculty, staff, students, and alumni travelled to 81 countries.
- Fifty percent of all trips are to participate in international conferences.
- Over 2/3rds of all trips are by faculty and one quarter by staff.
- The top three travel destinations are Brazil, France, and Canada.

Figure 9-1: Number of IFAS Trips by Month



Half of IFAS travel is for attending and participation at conferences and one third is tied to a research initiative. Many travel as invited speakers, teaching, and providing training.

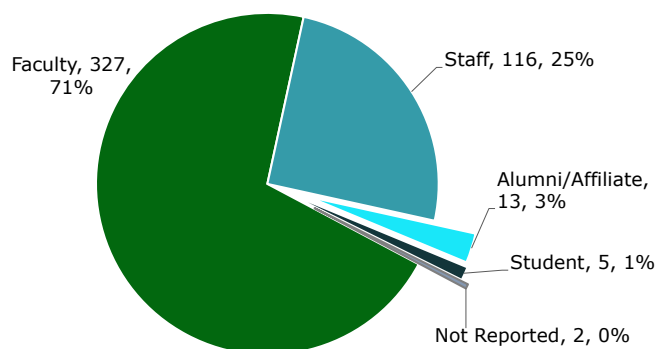
⁴ UF had imposed restrictions on specific destinations earlier than March 2020.

Table 9.1: Purpose of Travel (IFAS)

Purpose of Travel	Number of Trips	Percent of All Trips
Conference	233	50.3
Research	148	32.0
Invited Speaker, Teaching, Training	41	8.9
Other	22	4.8
Networking, Meetings, Seminars, Workshops, Panel Participation	15	3.2
Class trips, Study Tours, Internships	4	0.9
TOTAL	463	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). Approximately three-quarters of all trips are by faculty and one quarter by staff (Figure 9-2). Half of the 327 IFAS faculty trips to attend conferences and 31% of faculty trips to participate in collaborative research. Almost half of all 116 staff trips are to attend conferences and 37% of staff trips are for research.

Figure 9-2: Who is Traveling?



Looking at purpose of travel and who is travelling, of the 233 trips to attend conferences, 71% are faculty and 23% are staff. Similarly, of the 148 trips for research, 69% are faculty and 29% are staff (Table 9-2).

Table 9.2: Travel Purpose by Role in College

Purpose of Travel	Faculty	Staff	Students	Alumni Affiliates	Not Reported	Total
Conference	165	54	4	9	1	233
Research	102	43	1	2		148
Invited Speaker, Teaching, Training	33	7			1	41
Other	14	6		2		22
Networking, Meetings, Seminars, Workshops, Panel Participation	9	6				15
Class trips, Study Tours, Internships	4	-				4
TOTAL	327	116	5	13	2	463

Half of all travel is from three units – the Institute for Food and Agricultural Sciences, the College of Liberal Arts and Sciences and the Herbert Wertheim College of Engineering. IFAS faculty, staff and students account for twenty-two percent of all UF trips. Type One Centers and other research-based units might be under represented if faculty listed their travel with their home academic unit. For example, the four trips listed by the Center for Latin American Studies reports only four trips; most likely, because the faculty working with the Center are administratively appointed to a specific college.

Table 9.3: Travel by College and Unit

College/Unit	Number of Trips	Percent of Total
Institute of Food and Agricultural Sciences	463	22.0
Liberal Arts and Sciences	412	19.6
Herbert Wertheim College of Engineering	263	12.5
Medicine	206	9.8
Public Health and Health Professions	86	4.1
Florida Museum of Natural History	76	3.6
Veterinary Medicine	71	3.4
Arts	62	3.0
Warrington College of Business	61	2.9
Pharmacy	61	2.9
Office of Admissions	45	2.1
Design, Construction and Planning	32	1.5
Graduate School	30	1.4
Levin College of Law	26	1.2
Center for Latin American Studies	24	1.1
Dentistry	23	1.1
Education	23	1.1
Health and Human Performance	23	1.1
George A. Smathers Libraries	22	1.0
Journalism and Communications	19	0.9
Medicine - Jacksonville	18	0.9
International Center	17	0.8
Office of Research	11	0.5
Type One Centers	9	0.4
Not Reported	8	0.4
University Wide	6	0.3
Nursing	4	0.2
TOTAL	2,101	100%

Destination of Travel

IFAS faculty, staff, students and affiliates traveled to 81 countries. The top three travel destinations are Brazil, France, and Canada. No other country destination accounts for more than 5% of IFAS trips (Figure 9-3).

Figure 9-3: IFAS International Travel Destinations

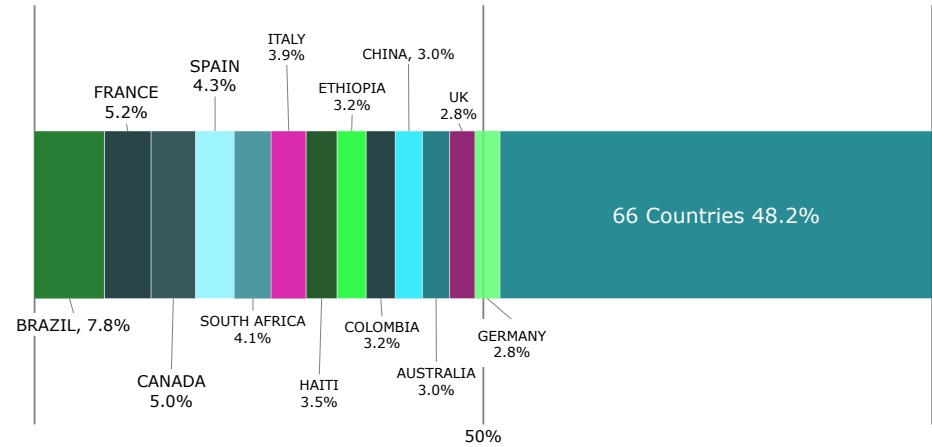
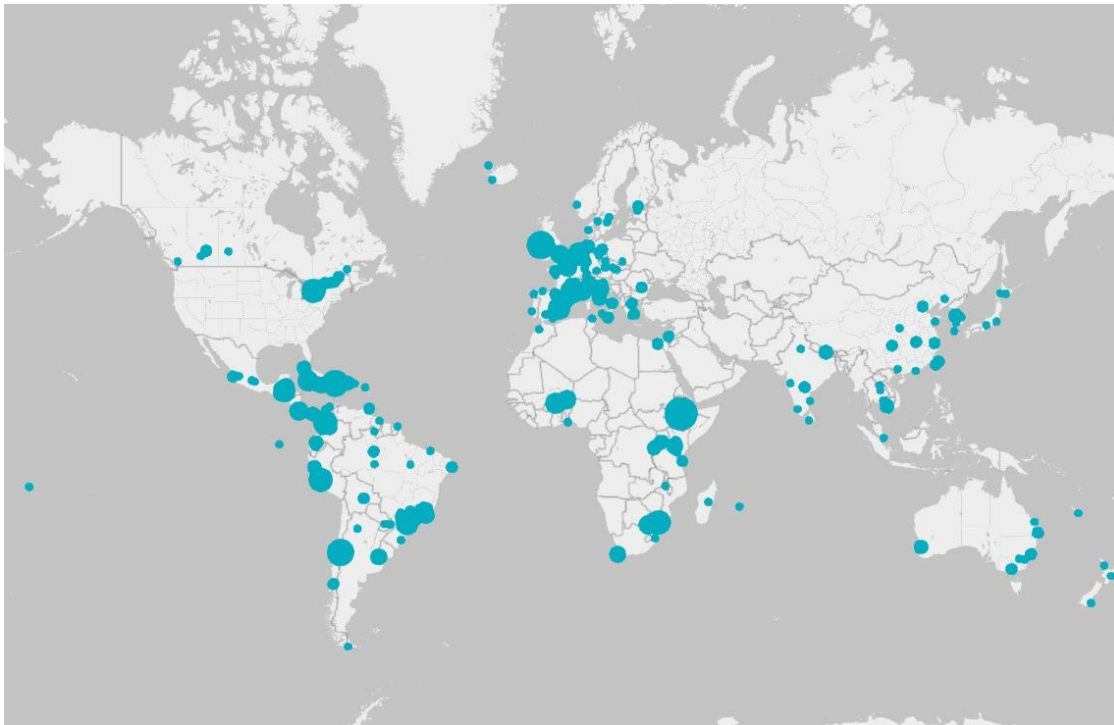


Figure 9-4: International Travel Destinations by IFAS Faculty, Staff, Alumni and Affiliates



10. Appendix: Agreements

Institute of Food and Agricultural Science

Institution	Country	Agreement Manager	Type	Termination Date
Adnan Menderes University	Turkey	Esen Momol	Cooperative	7/26/2021
American Farm School	Greece	Phil Koehler	Cooperative	3/13/2024
An Giang University	Vietnam	Rebecca Baldwin	Cooperative	1/30/2023
Beijing Academy of Agricultural and Forestry Sciences	China	Migliaccio Kati Zhao Xin	Cooperative	7/26/2018
Belize Zoo and Tropical Education Center	Belize	William M. Giuliano	Cooperative	10/1/2023
Bush Heritage Australia	Australia	Jamie Foster	Cooperative	6/14/2021
Caribbean Regional Fisheries Mechanism	Belize	Charles Sidman	Cooperative	8/4/2021
Central University of Gujarat	India	Andy Ogram	Cooperative	5/22/2022
Centre for Wildlife Studies	India	Madan K. Oli	Cooperative	7/11/2023
Centro Zamorano de Biodiversidad, Escuela Agrícola Panamericana	Honduras	Allen Wysocki Jane Luzar Donald Poucher Ron Cave	Cooperative	8/4/2020
China Three Gorges University	China	Yuncong Li	Cooperative	10/25/2021
Chungbuk National University	South Korea	Seonghee Lee	Cooperative	8/26/2020
Chungnam National University	South Korea	Wonsuk "Daniel" Lee	Cooperative	3/25/2024
Corporación Colombiana de Investigación Agropecuaria Corpoica	Colombia	Kathleen Earl Colverson	Cooperative	11/30/2022
Cranfield University	United Kingdom	Diane Rowland	Cooperative	7/31/2021
Cyprus University of Technology	Cyprus	Diane Rowland	Cooperative	12/7/2023
Ecole d'Ingénieurs de Purpan	France	Allen Wysocki	Reciprocal	3/9/2025
Empresa Brasileira de Pesquisa Agropecuária	Brazil	Peter Hildebrand Lisette Staal Steven Sargent Timothy White Karen Kainer	Cooperative	3/31/2019
Environment and Plant Protection Institute & Chinese Academy of Tropical Agricultural Sciences	China	Zhenli He	Cooperative	10/30/2022
Escuela de Agricultura de la Region Tropical Humeda	Costa Rica	Allen Wysocki Jerry Sartain Martha Dettman Mark Rieger	Cooperative	7/10/2023
Escuela Superior Politécnica de Chimborazo	Ecuador	Amanda Hodges	Cooperative	4/29/2024
Escuela Superior Politécnica del Litoral	Ecuador	Dorota Haman	Cooperative	9/13/2021

Institution	Country	Agreement Manager	Type	Termination Date
Federal University of Sergipe	Brazil	Steven Sargent	Cooperative	10/20/2021
Friends For Conservation and Development	Belize	William M. Giuliano	Cooperative	10/1/2023
Fujian Agriculture and Forestry University	China	Jianjun Chen	Cooperative	7/1/2020
Fundação Pro-TAMAR	Brazil	Karen A. Bjorndal	Cooperative	11/29/2019
Graduate School Production Ecology and Resource Conservation (PE&RC) Wageningen University, the Netherlands	Netherlands	Diane Rowland	Cooperative	5/15/2022
Gyeongsang National University	South Korea	Diane Rowland	Cooperative	8/4/2022
Hainan University	China	Allen Wysocki	Cooperative	3/29/2022
Hainan University (2+1+1)	China	Allen Wysocki	Other	5/23/2022
Hainan University (3+1+1)	China	Allen Wysocki	Other	5/23/2022
Haramaya University	Ethiopia	Adegbola Adesogan	Cooperative	1/18/2023
Harper Adams University	United Kingdom	Diane Rowland James Estrada	Cooperative	5/8/2020
HAS University of Applied Sciences	Netherlands	Jason Kruse Allen Wysocki	Reciprocal	2/18/2024
Hebrew University of Jerusalem	Israel	Diane Rowland	Cooperative	4/11/2022
Helmholtz-Zentrum für Umweltforschung GmbH, Purdue University, Technische Universität Dresden	United States of America	James Jawitz	Cooperative	10/1/2020
Higher Institute of Biotechnology of Sidi Thabet	Tunisia	Jeff Jones	Cooperative	2/6/2024
Hochschule Osnabrück	Germany	Gregory Kiker James Leary	Reciprocal	8/31/2023
Hualan Design (Group) Co., Ltd	China	Bin Gao	Cooperative	8/31/2022
Institut National de la Recherche Agronomique	Guadeloupe	Diane Rowland	Cooperative	10/30/2022
Institute for Scientific Interchange	Italy	Illaria Capua	Cooperative	5/4/2025
Institute of Microbiology, Czech Academy of Sciences	Czech Republic	Jiri Hulcr	Cooperative	6/28/2021
Instituto de Cultivos Tropicales	Peru	Zhenli He	Cooperative	3/8/2024
Instituto Federal Goiano	Brazil	Wagner Vendrame	Cooperative	3/2/2022
Instituto Nacional de Biodiversidad	Ecuador	Michael Kane	Cooperative	8/1/2022
International Institute of Tropical Agriculture	Nigeria	Diane Rowland	Cooperative	5/15/2023
Inversiones El Tijo de Oro	Costa Rica	Kimberly Moore	Cooperative	8/31/2022
ISARA-Lyon	France	Diane Rowland	Cooperative	1/23/2024
Jardin Botanico de Quito	Ecuador	Michael Kane	Cooperative	3/27/2021
Kasetsart University	Thailand	Mauricio Elzo	Cooperative	6/27/2021
King Mongkut's University of Technology Thonburi	Thailand	Amy Simonne	Cooperative	2/19/2023
Kingenta Ecological Engineering Group Co., Ltd (formerly known as National Engineering Technology Research Center for Slow and Controlled Release Fert	China	Yuncong Li	Cooperative	6/20/2021

Institution	Country	Agreement Manager	Type	Termination Date
Lignum Vitae - Bahamas 4-H Program	Bahamas	Marcus Boston Samuel Norma	Cooperative	1/31/2022
Malawi Department of Fisheries	Malawi	Ramesh Reddy	Cooperative	8/13/2024
Nanjing Agricultural University	China	Allen Wysocki Teri Balser	Cooperative	11/28/2023
Nanjing Agricultural University (2+1+1)	China	Allen Wysocki	Other	11/28/2023
National Banana Corporation	Costa Rica	Randy Ploetz	Cooperative	3/2/2022
People's Institute of Science	India	James Estrada	Cooperative	10/1/2024
Plant Health Research Institute (Instituto de Investigaciones de Sanidad Vegetal)	Cuba	Paloma Carton de Grammont Lara	Cooperative	9/9/2021
Polytechnic University of Valencia	Spain	Peter Dittmar	Cooperative	9/22/2024
Pontificia Universidad Catolica de Chile	Chile	Monica Ozores-Hampton	Cooperative	12/19/2022
Poznan University of Life Sciences	Poland	David Wright	Cooperative	4/13/2021
Public University of Navarra	Spain	Rafael Muñoz-Carpena	Cooperative	7/25/2023
Seoul National University	South Korea	Wonsuk "Daniel" Lee	Cooperative	2/15/2023
Shenyang Agricultural University	China	Xin Zhao	Cooperative	10/22/2020
Shenyang Agricultural University (Combined Degree)	China	Allen Wysocki	Other	4/20/2021
State University of Maringá	Brazil	Lincoln Zotarelli	Cooperative	11/3/2020
Telangana State Agricultural University	India	Ramesh Reddy	Cooperative	9/6/2024
Trent University	Canada	Lena Ma	Cooperative	12/11/2023
Universidad Agraria Del Ecuador	Ecuador	Amanda Hodges	Cooperative	11/13/2024
Universidad de Córdoba	Spain	Rafael Munoz-Carpena	Cooperative	2/19/2023
Universidad de la Habana	Cuba	Frederick Royce	Cooperative	11/3/2020
Universidad del Valle	Colombia	McLamore Eric Lyn Branch	Cooperative	3/16/2022
Universidad Estatal del sur de Manabi	Ecuador	Marta Hartmann	Cooperative	10/12/2021
Universidad Nacional del Litoral	Argentina	Nicolas DiLorenzo	Cooperative	10/12/2021
Universidad San Francisco de Quito	Ecuador	Bette Loiselle	Cooperative	9/15/2021
Universidade de Sao Paulo - Faculdade de Zootecnia Engenharia de Alimentos	Brazil	Joao Vendramini	Cooperative	5/12/2021
Universidade Estadual De Santa Cruz	Brazil	Zhenli He	Cooperative	12/7/2023
Universidade Federal de Pelotas	Brazil	Steven A. Sargent	Cooperative	3/13/2020
Universidade Federal de Santa Maria	Brazil	Marilyn Swisher	Cooperative	2/19/2024
Universidade Federal de Viçosa	Brazil	Nick Comerford Marcio Resende	Cooperative	12/20/2025
Universidade Regional de Blumenau	Brazil	James Cuda Blair Siegfried	Cooperative	4/30/2022
Università Commerciale Luigi Bocconi	Italy	Ilaria Capua	Cooperative	9/3/2025
Università Degli Studi Di Palermo	Italy	Allen Wysocki	Cooperative	6/30/2023

Institution	Country	Agreement Manager	Type	Termination Date
University of Belgrade	Serbia	Jeffery Jones	Cooperative	4/16/2023
University of Curacao Dr. Moises da Costa Gomez	Netherlands	Gerald Culen	Cooperative	3/3/2022
University of Jaén	Spain	Rafael Munoz-Carpena	Cooperative	6/17/2020
University of Nariño	Colombia	Mauricio A. Elzo	Cooperative	5/21/2023
University of Natural Resources and Life Sciences	Austria	Lisa House Allen Wysocki	Reciprocal	7/1/2019
University of New England	Australia	Diane Rowland	Cooperative	1/4/2021
University of Roraima	Brazil	Wagner Vendrame	Cooperative	8/17/2023
University of South Australia	Australia	Taylor Stein	Cooperative	9/29/2021
University of State of Mato Grosso Foundation	Brazil	Robert Buschbacher	Cooperative	11/4/2020
University of Swaziland	Swaziland	Robert McCleery	Cooperative	7/30/2022
University of the Virgin Islands	Virgin Islands	Rowland Diane	Cooperative	7/31/2021
University of the West Indies	Trinidad and Tobago	Amy Harder	Cooperative	10/26/2020
University of Torino -Centre of Competence for Innovation in the Agro-Environmental Field of the	Italy	Illaria Capua	Cooperative	2/23/2025
Vietnam National Museum of Nature	Vietnam	Jiri Hulcr	Cooperative	4/21/2021
Warsaw University of Life Sciences - SGGW	Poland	Agata Kowalewska	Cooperative	8/4/2021
WWF-Brazil	Brazil	Robert Buschbacher	Cooperative	1/17/2022

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