2018-2019 Report on International Activity

University of Florida International Center
Office for Global Research Engagement

Supporting Faculty to Build Knowledge Globally

UF HEALTH
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 travelling abroad.

For more information: OGRE@ufic.ufl.edu and www.internationalcenter.ufl.edu
# 2018/2019
## UF Health Report on International Activity

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1. INTRODUCTION

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.

For the second year of compiling data on international activity at UF, this report presents the global footprint for the UF Health Sciences Center for the 2018/2019 academic year. Similar to last year, the data summarize a considerable volume of international activity, and continues to be testimony to the university’s commitment to international research, education, and international exchange.

The intent of this report is to showcase and highlight the extent and reach of UF’s international activity in one inclusive review. In full, the report documents the university’s international partnerships, faculty research tied to global and international themes, the investment into faculty development programs, the number of international visitors working and studying at the UF Health Sciences Center, the number of international students, the extent of applications for graduate programs from students worldwide, the number of UF Health students who participated in study abroad programs, UF Health efforts dedicated to internationalizing the curricula, and a summary of where UF Health 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 for this report summarize activity in the following six UF Health colleges and one institute:

- College of Dentistry
- College of Medicine (COM)
- College of Nursing
- College of Pharmacy
- College of Public Health and Health Professions (PHHP)
- College of Veterinary Medicine
- Emerging Pathogens Institute (EPI)

in numero

UF Health
- 123 total agreements in 35 countries.
- 135 awards for an estimated $51.5 million in sponsored activity.
- 432 International Visiting Scholars from 54 countries.
- 1,081 international applications from 98 countries.
- 465 international students from 62 countries enrolled in Fall 2018.
- 132 students studied abroad.
- 10% of all UF Health students who graduated in 2018/2019 participated in a study abroad program.
- 1 new course with globally focused learning outcomes was funded for PHHP.
- 3 faculty were awarded Global Fellowships and 4 faculty received stipends to be mentors to Fellows.
- 1 Collaborative Research grant of $12,000 awarded to COM researchers for work in Ghana.
- 1 Jump Start grant award at $1,000 was awarded to faculty in the Arts in Medicine program.
- 1 doctoral student received a travel stipend through the Research Abroad for Doctoral Students (RADS) program.
- 28 UF Health students enrolled in the International Scholars Program.
- Faculty, students, and staff made 920 trips to 88 countries.
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.

As a top ranked, R1, public university, our faculty engage in research and international collaborative activity that is, by its sheer number, a challenge to document. Their scholarship and classroom activity impacts international content daily and, with almost 5,000 faculty and more than 200 research and education centers, bureaus and institutes, documenting their international scholarly activity is difficult. 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 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 aspect of our internationalization efforts.

The University of Florida manages 517 different agreements. The majority fall under two broad categories of Agreements – Cooperative and Reciprocal. At UF, most agreements are Cooperative Agreements (57%). The Cooperative 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. The second largest type of agreements are Reciprocal Agreements which are a true exchange program where students from each institution spend time at the host institution as a non-degree seeking student. Twenty percent of all agreements fall under this category. On occasion, special agreements are facilitated among universities to accommodate unique circumstances for student exchanges that are included in the “Other Student” category (2%).

Additionally, the UF Office of Research oversees agreements that cover international collaboration tied to clinical trial studies (13%), data confidentiality and non-disclosure agreements (3%), contracts (1%), and other memos of understanding with international third party collaborators (3%) (Figure 2-1). 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.

For all university agreements, the most (129 and 25%) lie with the Institute of Food and Agricultural Sciences. The College of Medicine has the second highest number (96 and 19%) followed by Liberal Arts and Sciences (60 and 12%).

The majority are Cooperative Agreements are associated with the Institute of Food and Agricultural Sciences (33.6%), the Herbert Wertheim College of Engineering (12.7%), and the College of Liberal Arts and Sciences (10.5%). Of all Reciprocal Agreements, the Warrington College of Business implements the majority (38.6%), followed by the College of Liberal Arts and Sciences (27.7%). By the
nature of the Clinical Trial and Confidentiality Agreements, the majority are initiated by the College of Medicine (98.5% and 100% respectively) (Table 2-1).

There are 123 agreements managed by faculty and staff at UF Health. The majority of agreements support clinical trial studies, and all 66 of these agreements are in the College of Medicine. COM also manages all the confidentially and non-disclosure agreements. There are 38 Cooperative agreements mostly in the College of Medicine, Pharmacy and Public Health and Health Professions.

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

<table>
<thead>
<tr>
<th>College/Unit</th>
<th>UFIC Administered Agreements</th>
<th>Office of Research Agreements</th>
<th>Percent of all Agreements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>4 - - - - - -</td>
<td>0.8</td>
<td></td>
</tr>
<tr>
<td>Business, Warrington College</td>
<td>1 39 - - - - 1</td>
<td>7.9</td>
<td></td>
</tr>
<tr>
<td>Center for Latin American Studies</td>
<td>26 - - - - - 5</td>
<td>5.0</td>
<td></td>
</tr>
<tr>
<td>Design, Construction and Planning</td>
<td>18 5 - - - - 1</td>
<td>4.6</td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td>4 - 1 - - - - 1</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Emerging Pathogens Institute</td>
<td>6 - - - - - - 1</td>
<td>1.2</td>
<td></td>
</tr>
<tr>
<td>Engineering, Herbert Wertheim College</td>
<td>36 10 1 - - - - 1</td>
<td>9.1</td>
<td></td>
</tr>
<tr>
<td>Florida Museum of Natural History</td>
<td>2 - - - - - 12</td>
<td>2.7</td>
<td></td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>15 4 - - - - -</td>
<td>3.7</td>
<td></td>
</tr>
<tr>
<td>Institute of Food and Agricultural Sciences</td>
<td>96 6 8 1 - 2 16</td>
<td>25.0</td>
<td></td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>2 1 - - - - - 1</td>
<td>0.6</td>
<td></td>
</tr>
<tr>
<td>Law, Fredric G. Levin College</td>
<td>2 3 - - - - - 1</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>30 28 2 - - - - - 12</td>
<td>11.6</td>
<td></td>
</tr>
</tbody>
</table>
UF Health colleges have agreements with 35 countries. The majority support international work with U.S. Institutions and in Switzerland. Of the 40 Cooperative and Reciprocal agreements, the majority are in Haiti.

**Figure 2-2: UF Health Agreements**

<table>
<thead>
<tr>
<th>College/Unit</th>
<th>UFiC Administered Agreements</th>
<th>Office of Research Agreements</th>
<th>Percent of all Agreements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cooperative</td>
<td>Reciprocal</td>
<td>Other Student</td>
</tr>
<tr>
<td>Medicine</td>
<td>14</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Nursing</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>8</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>7</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Type One Centers</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>University Wide (International Center, Office of Research, Graduate School)</td>
<td>12</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>286</strong></td>
<td><strong>101</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

The geographic diversity is generally tied to the size of the unit. IFAS has the largest global footprint tied to their agreements in 46 countries, followed by Liberal Arts and Sciences, Medicine, then
Business (Table 2-2). The list of all agreements with UF Health colleges is included in Appendix I of this report.

<table>
<thead>
<tr>
<th>College/Unit</th>
<th>Number of Agreements</th>
<th>Number of Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Business, Warrington College</td>
<td>41</td>
<td>24</td>
</tr>
<tr>
<td>Center for Latin American Studies</td>
<td>26</td>
<td>9</td>
</tr>
<tr>
<td>Design, Construction and Planning</td>
<td>24</td>
<td>13</td>
</tr>
<tr>
<td>Education</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>Emerging Pathogens Institute</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>Engineering, Herbert Wertheim College</td>
<td>47</td>
<td>22</td>
</tr>
<tr>
<td>Florida Museum of Natural History</td>
<td>14</td>
<td>13</td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>20</td>
<td>11</td>
</tr>
<tr>
<td>Institute of Food and Agricultural Sciences</td>
<td>129</td>
<td>45</td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Law, Fredric G. Levin College</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>60</td>
<td>29</td>
</tr>
<tr>
<td>Medicine</td>
<td>96</td>
<td>26</td>
</tr>
<tr>
<td>Nursing</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>8</td>
<td>6</td>
</tr>
<tr>
<td>Type One Centers</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>University Wide (International Center, Office of Research, Graduate School)</td>
<td>16</td>
<td>11</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>
3. INTERNATIONAL SPONSORED PROJECTS

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 and other sponsored activity, faculty who study foreign cultures, conduct fieldwork abroad, partner with international collaborators, or depend on international data, often 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 UF Health units to support international activity.

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.

in numero

UF Health
- UF Health received 135 awards with an international focus.
- International sponsored activity has connections in 57 countries.
- Estimated $51.5 million in sponsored research generated at UF.
- Domestic sources fund $30.7 million and 59 awards of international sponsored activity, making up 60% of sponsored funding to UF Health.
- U.S. Federal Agencies generated $21 million for 24 awards representing 41% of all UF Health funding and 68% of domestic sources of funds to UF Health.
- Foreign and Multinational sources of funding represent 40% of all sponsored funding to UF Health.
- $8.6 million in 38 projects granted sub awards to universities and institutions outside of the US. Half of these sub awards are in Switzerland, Israel and Ghana.
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 (Table 3-1).

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. **Collaborative Research 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, that 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.

Approximately, one quarter of all projects 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 “Collaborative Research Activity” account for almost a third of international activity; that is, 32 projects worth $16.1 million. Both of these two categories are largely funded by domestic sources. The highest funded category is “Other,” making up $13 million with 20 projects, or a quarter of international funding. “Patient Recruitment or Clinical Trials” make up roughly 22% of all international activity with 16 projects and are primarily funded by foreign sources at $11.2 million. Although relatively less dollar value, travel to international conferences, meetings, and workshops makes up 4.2% of international activity. Similarly, funding for “Student Support” is a small portion of total international funding (less than 1%) and is funded completely by domestic sources. There are more projects under the “Foreign Funder” category than any other with 56, but these make up only 16.7% of funding (Table 3-1).
Table 3-1: Focus of UF Health International Sponsored Activity

<table>
<thead>
<tr>
<th>Category</th>
<th>Number of Projects</th>
<th>Amount Funded</th>
<th>Percent of Total $ Value</th>
<th>Percent of Funding from Domestic Sources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other and Not Specified</td>
<td>20</td>
<td>13,049,538</td>
<td>25.4</td>
<td>99.9</td>
</tr>
<tr>
<td>Research</td>
<td>21</td>
<td>11,966,900</td>
<td>23.3</td>
<td>71.2</td>
</tr>
<tr>
<td>Patient Recruitment/Clinical Trials</td>
<td>16</td>
<td>11,190,013</td>
<td>21.7</td>
<td>16.1</td>
</tr>
<tr>
<td>Foreign Funder</td>
<td>56</td>
<td>8,581,458</td>
<td>16.7</td>
<td>0</td>
</tr>
<tr>
<td>Country Specific Research</td>
<td>11</td>
<td>4,150,351</td>
<td>8.1</td>
<td>95.2</td>
</tr>
<tr>
<td>Travel</td>
<td>9</td>
<td>2,168,671</td>
<td>4.2</td>
<td>94.1</td>
</tr>
<tr>
<td>Student Support</td>
<td>2</td>
<td>361,854</td>
<td>0.7</td>
<td>100.0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>135</td>
<td><strong>$51,468,785</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Of all the colleges in UF Health, COM has the greatest value of grants to fund travel. Of all awards funding travel, 76% are in COM. COM also has the highest percentage of awards from a foreign funder (75% of all grants from a foreign funder). For country specific research, COM has the highest percentage of awards; however, PHHP and Veterinary Medicine have generated almost 30% each of all funding for country specific research. PHHP has the most awards for patient recruitment and clinical trials (70% of all funds in that category). The College of Pharmacy has the only international awards for student support and has 37% of all funds for research collaboration.

Figure 3-1: UF Health International Awards (By College)
Domestic vs. Foreign

- Domestic sources of funding represent 60% of all sponsored funding to UF Health.
- Funding from domestic sources supports 59 projects valued at $30.7 million.
- Of all domestic funding, $21 million and 68% of all domestic funding is from US Federal agencies.
- $6.2 million and 20% of domestic funding is from US not-for-profit organizations.
- Foreign and Multinational sources of funding represent 40.3% of all sponsored funding to UF Health. These sources provide funding for 75 projects valued at $20.7 million.
- Of all foreign and multinational awards, foreign corporations provide funding for 37 awards valued at $13.3 million. This represents 64% of all foreign funding and 26% of all funding to UF Health.
- Foreign not-for-profit and multinational not-for-profit organizations fund 20 projects valued at $6.7 million. This is 32% of all 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 3-3; Table 3-2).

Public Sector (Government)
- All public sector awards, both foreign and domestic, generate $21.1 million, 41% of international activity with 29 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 40.7% of all funding and fund 24 projects valued at almost $21 million.
- Of all domestic funding for international research, federal agency funds represent 68% of domestic sourced awards.
- Foreign governmental offices funded five projects valued at $157,664.

Not-for-Profit Sector
- The not-for-profit sector, including foreign, domestic, and multinational generate $12.9 million for 30 projects. This represents almost 25% of the value of all awards.
- Foreign not-for-profit organizations generate similar levels of funding to domestic sources. International not-for-profits fund 20 projects valued at $6,680,974; while domestic not-for-profit organizations fund 10 projects for $6,245,964.

Private Sector
- Private companies, both foreign and domestic, provide $14,754,968 in funding for 46 different projects. This represents 29% of the total dollar value of all sponsored international activity.
- Substantially more funds come from foreign corporations than domestic; whereby, 90% of all corporate sources are from abroad.

Universities
- Subcontracts with U.S. and foreign universities (including at UF) total $2,663,824 funding 29 projects. Universities fund 5% of all international activity for UF Health.
### Table 3-2: Source of Funds for International Sponsored Activity

<table>
<thead>
<tr>
<th>Type of Sponsor</th>
<th>Dollar Value of Awards</th>
<th>Percent of Total Dollar Value</th>
<th>Total Number of Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Not-for-Profit Organization</td>
<td>6,417,631</td>
<td>12.5</td>
<td>17</td>
</tr>
<tr>
<td>Foreign Corporation</td>
<td>13,259,896</td>
<td>25.8</td>
<td>37</td>
</tr>
<tr>
<td>Foreign University</td>
<td>655,826</td>
<td>1.3</td>
<td>13</td>
</tr>
<tr>
<td>Foreign Government</td>
<td>157,664</td>
<td>0.3</td>
<td>5</td>
</tr>
<tr>
<td>Multi National Not-for-Profit Organization</td>
<td>263,343</td>
<td>0.5</td>
<td>3</td>
</tr>
<tr>
<td>Multiple Sponsors</td>
<td>1,780</td>
<td>0.003</td>
<td>1</td>
</tr>
<tr>
<td>US Federal Agency</td>
<td>20,963,611</td>
<td>40.7</td>
<td>24</td>
</tr>
<tr>
<td>US Not-for-Profit Organization</td>
<td>6,245,964</td>
<td>12.1</td>
<td>10</td>
</tr>
<tr>
<td>US University</td>
<td>1,836,999</td>
<td>3.6</td>
<td>14</td>
</tr>
<tr>
<td>US Corporation</td>
<td>1,495,073</td>
<td>2.9</td>
<td>9</td>
</tr>
<tr>
<td>US Government (Non-Federal)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>UF and UF Foundation</td>
<td>171,000</td>
<td>0.3</td>
<td>2</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$51,468,785</strong></td>
<td><strong>100%</strong></td>
<td><strong>135</strong></td>
</tr>
</tbody>
</table>

### Awards by College

To the best of our ability to document international research, UF has 594 separate active, expired, and terminated awards totaling $295,042,068 for the 2018/2019 academic year. Of all funding, 75 percent comes from four units – the Institute of Food and Agricultural Sciences, the 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.
### Table 3-3: Awards by College

<table>
<thead>
<tr>
<th>College/Unit</th>
<th>Total Funded Amount Funded</th>
<th>Percent of Total</th>
<th>Number of Awards</th>
<th>Average Size of Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institute of Food and Agricultural Sciences</td>
<td>105,168,005</td>
<td>35.6</td>
<td>170</td>
<td>618,635</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>63,321,606</td>
<td>21.5</td>
<td>122</td>
<td>519,030</td>
</tr>
<tr>
<td>Engineering, Herbert Wertheim College</td>
<td>33,829,050</td>
<td>11.5</td>
<td>91</td>
<td>371,748</td>
</tr>
<tr>
<td>Medicine</td>
<td>21,460,572</td>
<td>7.3</td>
<td>72</td>
<td>298,064</td>
</tr>
<tr>
<td>Florida Museum of Natural History</td>
<td>14,978,142</td>
<td>5.1</td>
<td>15</td>
<td>998,543</td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>12,104,527</td>
<td>4.1</td>
<td>22</td>
<td>550,206</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>9,623,927</td>
<td>3.3</td>
<td>16</td>
<td>601,495</td>
</tr>
<tr>
<td>Office of Research</td>
<td>9,416,937</td>
<td>3.3</td>
<td>10</td>
<td>941,694</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>7,990,362</td>
<td>2.7</td>
<td>23</td>
<td>347,407</td>
</tr>
<tr>
<td>Type One Centers</td>
<td>5,888,971</td>
<td>2.0</td>
<td>18</td>
<td>327,165</td>
</tr>
<tr>
<td>Graduate School</td>
<td>5,239,219</td>
<td>1.8</td>
<td>2</td>
<td>2,619,609</td>
</tr>
<tr>
<td>Business, Warrington College</td>
<td>1,397,728</td>
<td>0.5</td>
<td>2</td>
<td>698,864</td>
</tr>
<tr>
<td>International Center</td>
<td>1,379,921</td>
<td>0.5</td>
<td>3</td>
<td>459,974</td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>1,230,524</td>
<td>0.4</td>
<td>9</td>
<td>136,725</td>
</tr>
<tr>
<td>Education</td>
<td>876,686</td>
<td>0.3</td>
<td>3</td>
<td>292,229</td>
</tr>
<tr>
<td>University Libraries</td>
<td>394,577</td>
<td>0.1</td>
<td>3</td>
<td>131,526</td>
</tr>
<tr>
<td>Design, Construction and Planning</td>
<td>365,111</td>
<td>0.1</td>
<td>6</td>
<td>60,852</td>
</tr>
<tr>
<td>Nursing</td>
<td>280,898</td>
<td>0.1</td>
<td>1</td>
<td>280,898</td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>48,137</td>
<td>0.02</td>
<td>3</td>
<td>16,046</td>
</tr>
<tr>
<td>Arts</td>
<td>38,669</td>
<td>0.01</td>
<td>2</td>
<td>19,335</td>
</tr>
<tr>
<td>Dentistry</td>
<td>8,500</td>
<td>0.003</td>
<td>1</td>
<td>8,500</td>
</tr>
<tr>
<td>Law, Levin College</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>295,042,068</strong></td>
<td><strong>100%</strong></td>
<td><strong>594</strong></td>
<td><strong>$496,704</strong></td>
</tr>
</tbody>
</table>
Location of Sponsored Activity

The sponsored projects listed in this report have connections to 58 countries (Figure 3-4). The awards with the highest dollar value are with the UK and Switzerland. For specific projects tied to patient recruitment and clinical trials, there is activity in 11 countries and the UK, Italy and Ghana have the highest value of awards. Funding to support research collaboration and country specific research are in 21 countries with the largest awards in Cameroon, Sweden, Germany, Switzerland, Ethiopia, Norway, and Israel.

Figure 3-4: Location of Sponsored Activity

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. These 74 sub awards are connected to 41 sponsored projects supporting collaborations in 32 countries. Half of all sub awards are directed to institutions in Kenya, Switzerland, Israel and the United Kingdom.

For units tied to UF Health, there are 38 subcontracts for $8,640,995. These sub awards are with institutions in 19 countries and half of the funding is from partners in Switzerland (25%), Israel (16%), and Ghana (6.7%).
Table 3-4: Sub Awards by College/Unit

<table>
<thead>
<tr>
<th>College/Unit</th>
<th>Number of Sub Awards</th>
<th>Dollars Allocated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institute of Food and Agricultural Sciences</td>
<td>20</td>
<td>5,228,581</td>
</tr>
<tr>
<td>Australia, Burkina Faso, Ethiopia, India, Kenya, Mexico, Rwanda, Spain, Uganda, UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medicine</td>
<td>14</td>
<td>4,738,633</td>
</tr>
<tr>
<td>Canada, Ghana, Israel, Italy, Norway, Singapore, Switzerland, UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>15</td>
<td>2,398,740</td>
</tr>
<tr>
<td>Belgium, Canada, Ethiopia, France, Germany, Italy, Netherlands, Spain, UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>5</td>
<td>1,074,038</td>
</tr>
<tr>
<td>Canada, France, Russia, Spain, UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>5</td>
<td>569,515</td>
</tr>
<tr>
<td>Australia, Cameroon, Japan, Pakistan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emerging Pathogens Institute</td>
<td>1</td>
<td>474,000</td>
</tr>
<tr>
<td>Haiti</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pharmacy</td>
<td>2</td>
<td>449,307</td>
</tr>
<tr>
<td>Australia, UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Center for Latin American Studies</td>
<td>7</td>
<td>430,621</td>
</tr>
<tr>
<td>Bangladesh, Bolivia, Brazil, Colombia, Mexico, Peru</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineering, Herbert Wertheim College</td>
<td>2</td>
<td>50,000</td>
</tr>
<tr>
<td>India</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>1</td>
<td>27,362</td>
</tr>
<tr>
<td>Ireland</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Florida Museum of Natural History</td>
<td>1</td>
<td>23,875</td>
</tr>
<tr>
<td>Brazil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nursing</td>
<td>1</td>
<td>10,800</td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>74</td>
<td>15,475,472</td>
</tr>
</tbody>
</table>
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 around the world. For the 2018/2019 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. At UF Health this is the largest segment, almost 80% of visiting scholars to UF Health colleges.

3. Short Term Scholar – Program allows research and teaching. Maximum duration of six-months. Twenty percent fall into this category.

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.

5. Other include international faculty who are visiting UF as part of another federal program.

**in numero**
- UF Health
  - 432 international visiting scholars at UF
  - UF Health hosts visiting scholars from 54 countries. Slightly more than half are from China, India, and Brazil.
  - The majority (79%) are research scholars primarily working on research projects.

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

- Research Scholar, 339, 79%
- Short-Term Scholar, 83, 19%
- Student Intern, 10, 2%
Table 4-1: International Scholars

<table>
<thead>
<tr>
<th>Category of Visiting Scholar</th>
<th>Number</th>
<th>Percent of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Scholar</td>
<td>339</td>
<td>78.5</td>
</tr>
<tr>
<td>Short-Term Scholar</td>
<td>83</td>
<td>19.2</td>
</tr>
<tr>
<td>Student Intern</td>
<td>10</td>
<td>2.3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>432</td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

International Visiting Scholars by College

The greatest number of international research scholars are hosted by the Institute of Food and Agricultural Sciences attracting almost 40 percent of all scholars. Engineering, Medicine and Liberal Arts and Sciences host between 10 and 15 percent of international scholars. UF Health colleges host 28% of all visiting scholars.

Table 4-2: International Visiting Scholars by College

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

The International Visiting Scholars at UF Health units represent 54 countries. A little less than half (47%) are from China and India. There are 339 Research Scholars from 46 countries and of those research scholars, more than half (54%) are from China and India. There are 83 short term scholars from 25 countries, and the majority are from Germany (24%), China (20%), and Brazil (11%). There are 10 student interns and seven are from Germany. The others are from Austria, India, and Japan.

Table 4-3: Citizenship of All International Visiting Scholars

<table>
<thead>
<tr>
<th>Citizenship</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>157</td>
<td>36.3</td>
</tr>
<tr>
<td>India</td>
<td>47</td>
<td>10.9</td>
</tr>
<tr>
<td>Brazil</td>
<td>39</td>
<td>9.0</td>
</tr>
<tr>
<td>Germany</td>
<td>29</td>
<td>6.7</td>
</tr>
<tr>
<td>South Korea</td>
<td>19</td>
<td>4.4</td>
</tr>
<tr>
<td>Japan</td>
<td>13</td>
<td>3.0</td>
</tr>
<tr>
<td>Italy</td>
<td>13</td>
<td>3.0</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>10</td>
<td>2.3</td>
</tr>
<tr>
<td>46 Countries</td>
<td>105</td>
<td>24.3</td>
</tr>
<tr>
<td>TOTAL</td>
<td>432</td>
<td>100%</td>
</tr>
</tbody>
</table>

Figure 4-2: Citizenship of UF International Visiting Scholars
5. INTERNATIONAL STUDENT APPLICATIONS

In numero

UF Health

- UF Health received 1,081 international student applications from 98 countries.
- Of all international applications, nine percent are to colleges in UF Health.
- 37% of international applications are for doctoral programs and 28% for master's programs.
- Half of all international applicants are from China, India, Canada, and Saudi Arabia.

International Applications by Type of Program

During the 2018/2019 academic year, 1,081 international students applied for degrees to the colleges at UF Health. The majority (37%) are toward a doctorate and 28% for a master program. Unlike at other colleges, UF Health has a substantial number who apply for professional graduate programs and graduate certificate (Table 5-1).

Table 5-1: International Applications by Degree Type

<table>
<thead>
<tr>
<th>Degree</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate/Bachelor Degree</td>
<td>103</td>
<td>9.5</td>
</tr>
<tr>
<td>Master Degree</td>
<td>299</td>
<td>27.7</td>
</tr>
<tr>
<td>Doctoral Degree</td>
<td>401</td>
<td>37.1</td>
</tr>
<tr>
<td>Professional Graduate Degree</td>
<td>133</td>
<td>12.3</td>
</tr>
<tr>
<td>Graduate Certificate</td>
<td>28</td>
<td>2.6</td>
</tr>
<tr>
<td>Other</td>
<td>117</td>
<td>10.8</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1,081</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

For all applications, where candidates report their gender, the majority are from female students. The ratio of female to male students varies depending on type of degree. The highest percentage of female applications are for master programs. For bachelor degrees, a substantial number of applicants do not report gender; however, of those who do, the majority are female. For professional degrees, graduate certificates and for doctoral programs, the ratio of female to male students is similar (Figure 5-1).
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. This trend hold true for all graduate programs; however, at the undergraduate level, the majority of applications are for the College of Liberal Arts and Sciences, followed by applications to the Herbert Wertheim College of Engineering.

Of all international UF applications, the UF Health colleges receive nine percent. However, due to the nature of the academic programs, UF Health has the greatest number of applications for professional graduate degrees and graduate certificate programs; 21% of all applications for certificate and other programs are to the colleges of UF Health. UF Health also receives the third highest number of applications for graduate programs.

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

<table>
<thead>
<tr>
<th>College</th>
<th>Undergraduate</th>
<th>Master</th>
<th>Doctoral Professional</th>
<th>Graduate Certificate and Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No.</td>
<td>%</td>
<td>No.</td>
<td>%</td>
<td>No.</td>
</tr>
<tr>
<td>Arts</td>
<td>42</td>
<td>2.0</td>
<td>64</td>
<td>1.1</td>
<td>17</td>
</tr>
<tr>
<td>Business, Warrington College</td>
<td>338</td>
<td>16.2</td>
<td>833</td>
<td>14.0</td>
<td>235</td>
</tr>
<tr>
<td>Dentistry</td>
<td>-</td>
<td>-</td>
<td>62</td>
<td>1.0</td>
<td>47</td>
</tr>
<tr>
<td>Design, Construction and Planning</td>
<td>38</td>
<td>1.8</td>
<td>338</td>
<td>5.7</td>
<td>76</td>
</tr>
<tr>
<td>Education</td>
<td>17</td>
<td>0.8</td>
<td>116</td>
<td>2.0</td>
<td>71</td>
</tr>
<tr>
<td>Engineering, Herbert Wertheim College</td>
<td>480</td>
<td>23.0</td>
<td>3,267</td>
<td>55.1</td>
<td>477</td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>67</td>
<td>3.2</td>
<td>82</td>
<td>1.4</td>
<td>18</td>
</tr>
<tr>
<td>Institute of Food and Agricultural Sciences</td>
<td>98</td>
<td>4.7</td>
<td>173</td>
<td>2.9</td>
<td>236</td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>78</td>
<td>3.7</td>
<td>159</td>
<td>2.7</td>
<td>38</td>
</tr>
<tr>
<td>Law, Levin College</td>
<td>-</td>
<td>-</td>
<td>26</td>
<td>0.4</td>
<td>119</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>821</td>
<td>39.4</td>
<td>573</td>
<td>9.7</td>
<td>876</td>
</tr>
<tr>
<td>Medicine</td>
<td>-</td>
<td>-</td>
<td>62</td>
<td>1.0</td>
<td>155</td>
</tr>
<tr>
<td>Nursing</td>
<td>41</td>
<td>2.0</td>
<td>-</td>
<td>-</td>
<td>9</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>6</td>
<td>0.3</td>
<td>27</td>
<td>0.5</td>
<td>110</td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>56</td>
<td>2.7</td>
<td>143</td>
<td>2.4</td>
<td>184</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>-</td>
<td>-</td>
<td>5</td>
<td>0.1</td>
<td>29</td>
</tr>
<tr>
<td>Not Specified</td>
<td>1</td>
<td>0.05</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>2,083</td>
<td>100%</td>
<td>5,930</td>
<td>100%</td>
<td>2,697</td>
</tr>
</tbody>
</table>

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Proportionally, within each college, there are more applications for graduate programs than for undergraduate. Because, most of the colleges in UF Health only have graduate programs, the majority of their applications are for doctoral programs/professional graduate degrees (40%).

**International Applications by Citizenship**

UF Health received applications from 98 countries. Half of all applications come from only four; 1) China; 2) India; 3) Canada, and 4) Saudi Arabia. For doctoral programs and professional doctorates, students apply from 71 countries; half are from China, India, and Canada.

![Figure 5-2: Citizenship of International Student Applicants](image)

Table 5-3: Total Number of International Applications by Country

<table>
<thead>
<tr>
<th>Citizenship</th>
<th>All International Applications</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td></td>
<td>314</td>
<td>29.0</td>
</tr>
<tr>
<td>India</td>
<td></td>
<td>110</td>
<td>10.2</td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td>69</td>
<td>6.4</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td></td>
<td>62</td>
<td>5.7</td>
</tr>
<tr>
<td>95 Countries</td>
<td></td>
<td>526</td>
<td>48.7</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>1,081</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Citizenship of applications varies by college. The Colleges of Medicine, Pharmacy, and Public Health and Health Professions receive the greatest number of applications from China. College of Dentistry attracts proportionally more students from Saudi Arabia and Cuba. College of Nursing attracts a higher percentage of students from Haiti and the Veterinary College has a higher percentage of international applicants from Canada.
Table 5-4: International Applications by Colleges of Dentistry, Medicine, and Nursing

<table>
<thead>
<tr>
<th>Dentistry</th>
<th>Medicine</th>
<th>Nursing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Country</td>
<td>No</td>
<td>%</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>21</td>
<td>19.3</td>
</tr>
<tr>
<td>Cuba</td>
<td>11</td>
<td>10.1</td>
</tr>
<tr>
<td>Canada</td>
<td>9</td>
<td>8.3</td>
</tr>
<tr>
<td>Kuwait</td>
<td>9</td>
<td>8.3</td>
</tr>
<tr>
<td>India</td>
<td>9</td>
<td>8.3</td>
</tr>
<tr>
<td>22 Countries</td>
<td>50</td>
<td>46.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>109</td>
<td>100%</td>
</tr>
</tbody>
</table>

Table 5-5: International Applications by Colleges of Pharmacy, PHHP, and Veterinary Medicine

<table>
<thead>
<tr>
<th>Pharmacy</th>
<th>PHHP</th>
<th>Veterinary Medicine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Country</td>
<td>No</td>
<td>%</td>
</tr>
<tr>
<td>China</td>
<td>52</td>
<td>31.5</td>
</tr>
<tr>
<td>India</td>
<td>30</td>
<td>18.2</td>
</tr>
<tr>
<td>Canada</td>
<td>9</td>
<td>5.5</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>8</td>
<td>4.9</td>
</tr>
<tr>
<td>Iran</td>
<td>8</td>
<td>4.9</td>
</tr>
<tr>
<td>35 Countries</td>
<td>39</td>
<td>35.2</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>165</td>
<td>100%</td>
</tr>
</tbody>
</table>

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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. At UF Health, there are 394 international students enrolled at UF. The majority (54%) of international students are enrolled in a doctoral program, 23% in a Master’s, 5% are pursuing a Bachelor’s degree, and 18% are enrolled in non-degree programs or not reported programs. Additionally there are 71 students participating in the Optional Practical Training (OPT)\(^1\). Half of all OPT participating students are in the College of Public Health and Health Professions, 31% in the College of Medicine, and 16% in the College of Pharmacy.

Of the six UF Health Colleges included in this report, Trends across all Colleges show that the greatest number of international students are enrolled in PHHP, Pharmacy and Medicine.

Because the majority of programs in UF Health are graduate programs, three quarters of all currently enrolled international students are pursuing a Master’s or a Doctorate degree. Only the Colleges of Nursing and Public Health and Health Professions have undergraduate programs; of which, 18 students are enrolled. Two-thirds of these undergraduate students are enrolled in PHHP, while the remaining third are enrolled in Nursing.

---

\(^1\) 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

<table>
<thead>
<tr>
<th>College</th>
<th>Bachelor’s</th>
<th>Master’s</th>
<th>Doctorate</th>
<th>Graduate Certificate, Non Degree</th>
<th>Other*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No.</td>
<td>% of College</td>
<td>No.</td>
<td>% of College</td>
<td>No.</td>
</tr>
<tr>
<td>Arts</td>
<td>18</td>
<td>26.5</td>
<td>36</td>
<td>52.9</td>
<td>14</td>
</tr>
<tr>
<td>Business, Warrington College</td>
<td>149</td>
<td>32.3</td>
<td>212</td>
<td>45.9</td>
<td>43</td>
</tr>
<tr>
<td>Dentistry</td>
<td>-</td>
<td>-</td>
<td>6</td>
<td>85.7</td>
<td>-</td>
</tr>
<tr>
<td>Design, Construction and Planning</td>
<td>21</td>
<td>9.9</td>
<td>103</td>
<td>48.6</td>
<td>82</td>
</tr>
<tr>
<td>Education</td>
<td>4</td>
<td>2.8</td>
<td>52</td>
<td>36.4</td>
<td>77</td>
</tr>
<tr>
<td>Engineering, Herbert Wertheim</td>
<td>192</td>
<td>12.2</td>
<td>907</td>
<td>57.8</td>
<td>402</td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>41</td>
<td>30.6</td>
<td>32</td>
<td>23.9</td>
<td>42</td>
</tr>
<tr>
<td>Institute of Food and Agricultural Sciences</td>
<td>71</td>
<td>13.1</td>
<td>105</td>
<td>19.3</td>
<td>330</td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>56</td>
<td>60.9</td>
<td>17</td>
<td>18.5</td>
<td>19</td>
</tr>
<tr>
<td>Law, Levin College</td>
<td>-</td>
<td>-</td>
<td>31</td>
<td>67.4</td>
<td>4</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>240</td>
<td>28.4</td>
<td>66</td>
<td>7.8</td>
<td>488</td>
</tr>
<tr>
<td>Medicine</td>
<td>-</td>
<td>-</td>
<td>9</td>
<td>11.8</td>
<td>58</td>
</tr>
<tr>
<td>Nursing</td>
<td>6</td>
<td>37.5</td>
<td>-</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>-</td>
<td>-</td>
<td>20</td>
<td>15.4</td>
<td>65</td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>12</td>
<td>9.7</td>
<td>44</td>
<td>35.5</td>
<td>64</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>-</td>
<td>-</td>
<td>11</td>
<td>26.8</td>
<td>17</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>810</strong></td>
<td><strong>17.1</strong></td>
<td><strong>1,651</strong></td>
<td><strong>34.9</strong></td>
<td><strong>1,715</strong></td>
</tr>
</tbody>
</table>

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

### International Students: Home Country

International students, including OPT, at UF Health represent 62 countries. The majority, approximately 33% are from China and 12.5% from India. The other international students are distributed relatively evenly across 60 countries with no other country of citizenship representing more than 10% of the total international students.

### Table 6-2: Citizenship (All Students including OPT)

<table>
<thead>
<tr>
<th>Citizenship</th>
<th>All International Students</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
</tr>
<tr>
<td>China</td>
<td>153</td>
</tr>
<tr>
<td>India</td>
<td>58</td>
</tr>
<tr>
<td>Canada</td>
<td>34</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>26</td>
</tr>
<tr>
<td>South Korea</td>
<td>18</td>
</tr>
<tr>
<td>Brazil</td>
<td>17</td>
</tr>
<tr>
<td>56 Countries</td>
<td>159</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>465</strong></td>
</tr>
</tbody>
</table>

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Figure 6-2: Citizenship of UF International Students
7. STUDY ABROAD PROGRAMS

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:

**International Health Outreach Trips:**
Through the College of Pharmacy, International health outreach trips happen every year in March. These programs are dedicated to providing health care in underserved populations in Central America and the Caribbean. Students and faculty travel to a designated country where they work closely with local health care professionals to provide health care to areas that have limited access to care. These programs last a week to 10 days and are organized by faculty and students independently of the curriculum.

**UF in Grenada:** UF College of Nursing students have the opportunity to work alongside public health nurses and other members of the healthcare system. This Faculty led, International Nursing Study Abroad Program (N-SAP) offers an innovative method of teaching by fostering academic and experiential learning in a global setting. This course provides nursing students with an enriched experience of clinical practice at the level of novice in a Low-middle Resource Country (LRC).
Study Abroad by College

With few exceptions, all colleges had students participate in a study abroad program. In total 2,637 students travelled abroad for a University of Florida sanctioned study abroad experience. This represents almost five percent of the full student population\(^2\). The greatest number of students, more than half of all study abroad students, are in the Colleges of Business and Liberal Arts and Sciences. For the Colleges in UF Health, only the Colleges of Nursing, PHHP, and Pharmacy had students participate in a study abroad program this academic year. The percent of students who study abroad per college 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).

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

<table>
<thead>
<tr>
<th>College</th>
<th>Number of Study Abroad Students</th>
<th>Percent of All Study Abroad Students</th>
<th>Percent of All Students in College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>58</td>
<td>2.2</td>
<td>3.6</td>
</tr>
<tr>
<td>Business, Warrington College</td>
<td>784</td>
<td>29.7</td>
<td>11.6</td>
</tr>
<tr>
<td>Design, Construction and Planning</td>
<td>124</td>
<td>4.7</td>
<td>7.5</td>
</tr>
<tr>
<td>Education</td>
<td>10</td>
<td>0.4</td>
<td>0.7</td>
</tr>
<tr>
<td>Engineering, Herbert Wertheim College</td>
<td>277</td>
<td>10.5</td>
<td>2.9</td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>67</td>
<td>2.5</td>
<td>2.5</td>
</tr>
<tr>
<td>Institute of Food and Agricultural Sciences</td>
<td>192</td>
<td>7.3</td>
<td>3.0</td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>213</td>
<td>8.1</td>
<td>7.3</td>
</tr>
<tr>
<td>Law, Levin College</td>
<td>15</td>
<td>0.6</td>
<td>1.5</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>712</td>
<td>27.0</td>
<td>5.0</td>
</tr>
<tr>
<td>Nursing</td>
<td>32</td>
<td>1.2</td>
<td>2.9</td>
</tr>
<tr>
<td>Other</td>
<td>54</td>
<td>2.0</td>
<td>4.4</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>48</td>
<td>1.8</td>
<td>2.4</td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>52</td>
<td>2.0</td>
<td>2.1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>2,637</strong></td>
<td><strong>100%</strong></td>
<td><strong>4.7</strong></td>
</tr>
</tbody>
</table>

\(^2\) 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 at UF in Fall 2018. This includes all undergraduate and graduate students both on campus and online.
Graduate vs Undergraduate Study Abroad

Primarily, it is undergraduates who are most likely to participate in study abroad; and of all UF Health study abroad students, 62% were undergraduates. 35% were students in the College of Pharmacy program. One master’s student, one doctoral student, and one non-degree student also participated in a study abroad program.

Study Abroad Programs and Terms

By College, most students participate in the summer programs. Almost all UF Health study abroad students, 93%, participate in a summer abroad program. Six students (5%) travel during spring break and one during the spring semester. Only one student travelled in the Fall term.

Table 7-2: Study Abroad by College and Term

<table>
<thead>
<tr>
<th>College</th>
<th>Percent of Students</th>
<th>Total Number Of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Academic Year</td>
<td>Fall</td>
</tr>
<tr>
<td>Arts</td>
<td>-</td>
<td>1.7</td>
</tr>
<tr>
<td>Business, Warrington College</td>
<td>0.1</td>
<td>4.6</td>
</tr>
<tr>
<td>Design, Construction and Planning</td>
<td>0.8</td>
<td>11.3</td>
</tr>
<tr>
<td>Education</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Engineering, Herbert Wertheim College</td>
<td>1.1</td>
<td>9.7</td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>-</td>
<td>1.5</td>
</tr>
<tr>
<td>Institute of Food and Agricultural Sciences</td>
<td>-</td>
<td>4.7</td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>-</td>
<td>4.2</td>
</tr>
<tr>
<td>Law, Levin College</td>
<td>-</td>
<td>53.3</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>1.8</td>
<td>5.6</td>
</tr>
<tr>
<td>Nursing</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>22.6</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>-</td>
<td>4.2</td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>TOTAL</td>
<td>0.7</td>
<td>6.0</td>
</tr>
</tbody>
</table>
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 service learning abroad which qualify for academic credit. The majority (78%) of UF Health study abroad students experienced a traditional study abroad program. Thirteen students (10%) participated in a volunteering or service learning project. Five percent completed an internship. Two students used the experience to support research.

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

<table>
<thead>
<tr>
<th>College</th>
<th>Percent of Students</th>
<th>Total Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>96.6</td>
<td>58</td>
</tr>
<tr>
<td>Business, Warrington College</td>
<td>81.8</td>
<td>784</td>
</tr>
<tr>
<td>Design, Construction and Planning</td>
<td>96.8</td>
<td>124</td>
</tr>
<tr>
<td>Education</td>
<td>70.0</td>
<td>10</td>
</tr>
<tr>
<td>Engineering, Herbert Wertheim College</td>
<td>75.5</td>
<td>277</td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>56.7</td>
<td>67</td>
</tr>
<tr>
<td>Institute of Food and Agricultural Sciences</td>
<td>76.6</td>
<td>192</td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>94.8</td>
<td>213</td>
</tr>
<tr>
<td>Law, Levin College</td>
<td>100.0</td>
<td>15</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>86.7</td>
<td>712</td>
</tr>
<tr>
<td>Nursing</td>
<td>68.8</td>
<td>32</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>85.4</td>
<td>48</td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>76.9</td>
<td>52</td>
</tr>
<tr>
<td>Not reported</td>
<td>88.7</td>
<td>54</td>
</tr>
<tr>
<td><strong>TOTAL NUMBER OF STUDENTS</strong></td>
<td><strong>2,202</strong></td>
<td><strong>2,637</strong></td>
</tr>
<tr>
<td><strong>PERCENT OF TOTAL</strong></td>
<td><strong>83.5</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Program Destinations

UF Health students travel to 29 countries for their study abroad experience. Almost half travel to four countries – Italy, UK, Japan, and Spain.

Table 7-4: Study Abroad Destinations for All Programs

<table>
<thead>
<tr>
<th>Country</th>
<th>Percent of Students</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy</td>
<td>25.0</td>
<td>33</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>10.6</td>
<td>14</td>
</tr>
<tr>
<td>Japan</td>
<td>9.1</td>
<td>12</td>
</tr>
<tr>
<td>Spain</td>
<td>7.6</td>
<td>10</td>
</tr>
<tr>
<td>25 countries</td>
<td>47.7</td>
<td>63</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100%</strong></td>
<td><strong>132</strong></td>
</tr>
</tbody>
</table>
Students who participated in a traditional program travelled to 24 countries, mostly to Italy, the UK and Japan. Those who included an experiential learning program (internship, research, fieldwork, or volunteer) travelled to eight destinations. Of those, half travelled to Grenada and Spain.

Figure 7-2: Study Abroad Destinations (All Programs)

Study Abroad Student Profile

Figure 7-3: UF Health Study Abroad Students by Race and Ethnicity (Number and Percent)

More than two-thirds of students who studied abroad during the 2018/2019 academic year are white students. Hispanic/Latino students comprise 17% of study abroad students, whereas Asian/Native Hawaiian/other Pacific Islander students comprise 13%. Substantially fewer (1.5%) are Black or African American.

More female students participate in study abroad in general and
across all race and ethnicity categories. For the students in UF Health who completed a study abroad experience, 86% were female.

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

<table>
<thead>
<tr>
<th>Race and Ethnicity</th>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No.</td>
<td>Percent</td>
</tr>
<tr>
<td>White</td>
<td>77</td>
<td>67.5</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>21</td>
<td>18.4</td>
</tr>
<tr>
<td>Black/African American</td>
<td>1</td>
<td>0.9</td>
</tr>
<tr>
<td>Asian/Native Hawaiian or other Pacific Islander</td>
<td>13</td>
<td>11.4</td>
</tr>
<tr>
<td>American</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Indian/Alaskan Native</td>
<td>2</td>
<td>1.8</td>
</tr>
<tr>
<td>Not Reported</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>TOTAL</td>
<td>114</td>
<td>100%</td>
</tr>
</tbody>
</table>

86.4% Female
13.6% Male

Graduating Students and Study Abroad

In the 2018/2019 Academic Year, 2282 students graduated from all programs from UF Health colleges. Of those students, 237 participated in at least one study abroad program during their time at the University of Florida; but not necessarily in the 2018/19 academic year. This includes students pursuing graduate degrees and specialist programs. For example, of all 422 Pharmacy students who graduated in 2019, 82 or 19.4% had studied abroad at one time. For all six colleges counted in UF Health, the average participation rate for study abroad among all graduates was slightly more than 10%.

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

<table>
<thead>
<tr>
<th>Academic Degree</th>
<th>Number who Studied Abroad</th>
<th>Number of all Students Graduating</th>
<th>Percent of All Students who Studied Abroad</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor’s Degree</td>
<td>93</td>
<td>624</td>
<td>14.9</td>
</tr>
<tr>
<td>Master’s Degree</td>
<td>24</td>
<td>597</td>
<td>4.0</td>
</tr>
<tr>
<td>Doctoral Degree</td>
<td>38</td>
<td>639</td>
<td>6.0</td>
</tr>
<tr>
<td>Pharmacy (6 Year)</td>
<td>82</td>
<td>422</td>
<td>19.4</td>
</tr>
<tr>
<td>TOTAL</td>
<td>237</td>
<td>2,282</td>
<td>10.4% (Overall Average)</td>
</tr>
</tbody>
</table>

Of all graduating students enrolled in UF Health, 39% who studied abroad were undergraduates receiving a Bachelor’s degree. Ten percent had graduated with a Master’s Degree and 16% with a doctorate. The remaining 35% were graduates of the Pharmacy program (Figure 7-4).
Of all 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 their 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 7-6).

Table 7-7: Graduating Study Abroad Students by College

<table>
<thead>
<tr>
<th>College</th>
<th>Bachelor Degree</th>
<th>Master Degree</th>
<th>Percent of All Graduating Students</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Percent of all Graduating</td>
<td>Number</td>
</tr>
<tr>
<td>Arts</td>
<td>29</td>
<td>10.3</td>
<td>4</td>
</tr>
<tr>
<td>Business, Warrington College</td>
<td>515</td>
<td>35.7</td>
<td>541</td>
</tr>
<tr>
<td>Dentistry</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Design, Construction and Planning</td>
<td>88</td>
<td>32.7</td>
<td>44</td>
</tr>
<tr>
<td>Education</td>
<td>15</td>
<td>12.1</td>
<td>26</td>
</tr>
<tr>
<td>Engineering, Herbert Wertheim College</td>
<td>136</td>
<td>9.5</td>
<td>27</td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>61</td>
<td>8.6</td>
<td>11</td>
</tr>
<tr>
<td>Institute of Food and Agricultural Sciences</td>
<td>209</td>
<td>16.4</td>
<td>25</td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>194</td>
<td>26.2</td>
<td>14</td>
</tr>
<tr>
<td>Law, Levin College</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>771</td>
<td>21.2</td>
<td>17</td>
</tr>
<tr>
<td>Medicine</td>
<td>-</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Nursing</td>
<td>40</td>
<td>13.3</td>
<td>-</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>53</td>
<td>16.4</td>
<td>18</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>2,111</strong></td>
<td><strong>734</strong></td>
<td><strong>3,043</strong></td>
</tr>
</tbody>
</table>

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.

International Educator Awards

In 2018, UF Health colleges named the following faculty and staff as college International Educators of the Year.

**College of Medicine**
- Senior Faculty Award: Dr. Rui Fernandes, Professor and Associate Chair, Department of Oral & Maxillofacial Surgery
- Junior Faculty Award: Dr. Salam Salman, Director of Residency Programs and Assistant Professor, Department of Oral & Maxillofacial Surgery
- Staff Award: Meghan Nodurft-Froman, MPH, College of Medicine International Medical Education Programs

**College of Nursing**
- Senior Faculty Award: Dr. Jeanne Stacciarini, Department of Family, Community and Health System Science

**College of Public Health and Health Professions**
- Junior Faculty Award: Dr. Krishna Vaddiparti, Assistant Professor, Department of Epidemiology

Collaborative Faculty Team Project Awards

Travel grants to support collaborative activity among faculty to develop new and innovative international partnerships for research, service learning and study abroad. UFIC supports one faculty team project to each of the three world regions covered by the UF Title VI centers – Africa, Europe,
and Latin America, and one grant to support a team working in Asia or the Middle East. Each team receives $12,000 to fund travel and related expenses.

Center for African Studies ($12,000)
Practicing and outreach in critical care medicine in Ghana.

College of Medicine
- Torbin Becker, Assistant Professor, Department of Emergency Medicine, Critical Care Medicine & EMS Director of Prehospital Research.

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.

College of Medicine ($12,000)
Fellows:
- Robin Petroze, Division of Pediatric Surgery
- Marie Nancy Séraphin, Division of Infectious Diseases and Global Medicine

Mentors:
- Saleem Islam, Professor of Surgery, Department of Surgery, Division Chief, Pediatric Surgery
- Awewura Kwara, MD, MPH, Associate Professor, Department of Medicine

College of Public Health and Health Professions ($6,000)
- Fellow: Eric Coker, Department of Environmental and Global Health
- Mentor: Sarah McKune, Assistant Professor, Department of Environmental and Global Health

College of Veterinary Medicine ($1,000)
- Mentor: Rhoel Dinglasan, Associate Professor, Dept. of Infectious Diseases & Immunology
  (Mentor to Derrick Mathias, Institute of Food and Agricultural Sciences)

Jump Start Program
An opportunity for an experienced faculty member to bring a less experienced colleague to his or her international research site. The program is designed to allow faculty to explore potential new Collaborative Research opportunities.

College of the Arts
- Jeffrey Pufahl, Lecturer, Center for Arts in Medicine
  $1,000 to accompany Dr. Heidi Powell, Assistant Professor and Program Director, School of Art + Art History to Guatemala.
Other Programs to Support International Travel

College of Medicine
- Support for two medical students travel to Rwanda studying pediatric surgical outcomes ($2,000)
  Robin Petroze, MD, MPH, Assistant Professor, Division of Pediatric Surgery, Assistant Chair of Global Surgery, Department of Surgery, College of Medicine

Grants for Internationalizing the Curricula

The International Center provides grants to faculty who wish to develop a new undergraduate course with substantial international content or to enhance an existing course. In 2018/2019, the Office of Global Learning awarded 12 grants for the following courses (Table 8-1).

Table 8-1: Internationalizing the Curricula Grants

<table>
<thead>
<tr>
<th>College</th>
<th>Department</th>
<th>Faculty</th>
<th>Course Title</th>
<th>Amount of Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>Arts in Medicine</td>
<td>Ferol Carytsas</td>
<td>Music and Health</td>
<td>3,000</td>
</tr>
<tr>
<td>Education</td>
<td>HDOSE/Center for Spirituality &amp; Health</td>
<td>Emilie Lenes</td>
<td>Multicultural Mindfulness</td>
<td>3,000</td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>Applied Physiology &amp; Kinesiology</td>
<td>Diba Mani</td>
<td>Neuromuscular Aspects of Exercise</td>
<td>3,000</td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>Telecommunication</td>
<td>Roxane Coche and Eric Esterline</td>
<td>Communicating Soccer Globally</td>
<td>6,000</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>Religion</td>
<td>David Hackett</td>
<td>Global Religion in the United States</td>
<td>5,000</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>Spanish and Portuguese Studies</td>
<td>Antonio Lopez-Sajid</td>
<td>Spanish-American Theater for Social Change</td>
<td>5,000</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>Political Science</td>
<td>Beth Rosenson</td>
<td>Ethics and Corruption in the US (and Abroad)</td>
<td>3,000</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>Women’s Studies</td>
<td>Manoucheka Celeste</td>
<td>Women and Media: International Perspectives</td>
<td>5,000</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>ELI</td>
<td>Lynne Clark &amp; Maya Shastri</td>
<td>Who am I: Defining Self-Identity in a Mobile World</td>
<td>6,000</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>Psychology</td>
<td>Marina Klimenko</td>
<td>Developmental Psychology</td>
<td>3,000</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>Political Science</td>
<td>Ido Oren</td>
<td>Music and Global Politics</td>
<td>5,000</td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>Occupational Therapy</td>
<td>Carolyn Hanson</td>
<td>Occupation and Participation Across Cultures</td>
<td>5,000</td>
</tr>
</tbody>
</table>

TOTAL $52,000
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 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, 8-3).

Table 8-2: UF Fulbright Events

<table>
<thead>
<tr>
<th>Event</th>
<th>Number Attended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fostering Efficacy in Asset Recovery in Transnational Corruption</td>
<td>34</td>
</tr>
<tr>
<td>Fulbright Informational Session</td>
<td>25</td>
</tr>
<tr>
<td>Online &amp; Blended Learning Luncheon: Swapna Kumar</td>
<td>28</td>
</tr>
<tr>
<td>Michelle Bolourchi Luncheon</td>
<td>7</td>
</tr>
<tr>
<td>Managing Fulbright Recruitment and Retention for Graduate Programs</td>
<td>7</td>
</tr>
<tr>
<td>My Fulbright in 7 Minutes</td>
<td>45</td>
</tr>
<tr>
<td>The Path to Fulbright: Challenges, Opportunities and Rewards</td>
<td>19</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>165</strong></td>
</tr>
</tbody>
</table>

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

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

*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 (RAD) Students**

The International Center is committed to supporting international graduate education. The RAD 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 2018/2019 academic year, the International Center provided $49,920 in support of doctoral research across campus. From UF Health, one student from PHHP received a $2,000 stipend to support international field research.

**College of Public Health and Health Professions ($2,000)**

- Emily Moore, Department of Public Health, $2,000 for research in Burkina Faso

**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

<table>
<thead>
<tr>
<th>College/Unit</th>
<th>International Scholars Enrolled</th>
<th>International Scholars Graduated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Enrolled</td>
<td>Percent of Total</td>
</tr>
<tr>
<td>Arts</td>
<td>12</td>
<td>1.7</td>
</tr>
<tr>
<td>Business, Warrington College</td>
<td>44</td>
<td>6.3</td>
</tr>
<tr>
<td>Design, Construction and Planning</td>
<td>39</td>
<td>5.5</td>
</tr>
<tr>
<td>Education</td>
<td>4</td>
<td>0.6</td>
</tr>
<tr>
<td>Engineering, Herbert Wertheim College</td>
<td>32</td>
<td>4.6</td>
</tr>
<tr>
<td>Health and Human Performance</td>
<td>18</td>
<td>2.6</td>
</tr>
<tr>
<td>Institute of Food and Agricultural Sciences</td>
<td>86</td>
<td>12.2</td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>35</td>
<td>5.0</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>396</td>
<td>56.3</td>
</tr>
<tr>
<td>Nursing</td>
<td>7</td>
<td>1.0</td>
</tr>
<tr>
<td>Public Health and Health Professions</td>
<td>21</td>
<td>2.9</td>
</tr>
<tr>
<td>Unknown</td>
<td>9</td>
<td>1.3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>703</strong></td>
<td><strong>100%</strong></td>
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</tbody>
</table>

More than half of all International Scholars enrolled in, or graduated from, the International Scholars Program are in the College of Liberal Arts and Sciences. Relatively few students registered in ISP from the two UF Health Colleges are participating in the International Scholars Program are in the Colleges of Nursing and Public Health and Health Professions. (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 2018/2019 academic year.

Two thirds of all UF travel is for attending and participation at conferences and 15% to support research. Many, 9%, travel as invited speakers for teaching and providing training. Outreach and medical missions comprise 4% of all trips.

<table>
<thead>
<tr>
<th>Purpose of Travel</th>
<th>Number of Trips</th>
<th>Percent of All Trips</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conference</td>
<td>608</td>
<td>66.1</td>
</tr>
<tr>
<td>Research</td>
<td>144</td>
<td>15.7</td>
</tr>
<tr>
<td>Invited Speaker, Teaching, Training</td>
<td>83</td>
<td>9.0</td>
</tr>
<tr>
<td>Technical Assistance Outreach and Medical Missions</td>
<td>36</td>
<td>3.9</td>
</tr>
<tr>
<td>Networking, Meetings, Seminars, Workshops, Panel Participation</td>
<td>20</td>
<td>2.2</td>
</tr>
<tr>
<td>Class Trips, Case Studies, Study Tours, Internships</td>
<td>7</td>
<td>0.8</td>
</tr>
<tr>
<td>Other</td>
<td>22</td>
<td>2.4</td>
</tr>
<tr>
<td>TOTAL</td>
<td>920</td>
<td>100%</td>
</tr>
</tbody>
</table>

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). Over three-quarters of all trips are by faculty, 20% by staff, and two percent by affiliates of the colleges.

Half of all travel is from three largest units – the Institute of Food and Agricultural Sciences, the College of Liberal Arts and Sciences, and the Herbert Wertheim College of Engineering. The
### Table 9-2: Travel by College and Unit

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

Within the UF Health units, the greatest percentage of trips come from the largest unit, College of Medicine, followed by faculty and staff in the College of Public Health and Health Professions. Faculty and staff from the College of Nursing have the fewest travel registrations in UF Health.
Table 9-3: Travel within Units of UF Health

<table>
<thead>
<tr>
<th>College/Unit</th>
<th>Number of Trips</th>
<th>Percent of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine</td>
<td>430</td>
<td>46.7</td>
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<tr>
<td>Public Health and Health Professions</td>
<td>155</td>
<td>16.8</td>
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<tr>
<td>Veterinary Medicine</td>
<td>120</td>
<td>13.0</td>
</tr>
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<td>12.0</td>
</tr>
<tr>
<td>Dentistry</td>
<td>94</td>
<td>10.2</td>
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<td>Emerging Pathogens Institute</td>
<td>9</td>
<td>1.0</td>
</tr>
<tr>
<td>Nursing</td>
<td>2</td>
<td>0.2</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>920</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Destination of Travel

UF faculty, staff, students and affiliates traveled to 88 countries. The top five travel destinations are Canada, the UK, China, Italy, and Haiti. Half of all travel was to 9 countries (Canada, UK, China, Italy, Haiti, Germany, France, Mexico, and Switzerland) and half to 80 country destinations.

Figure 9-2: UF Health International Travel Destinations

Figure 9-3: Map of UF Health International Travel Destinations
## 10. APPENDIX I: UF AGREEMENTS

### Emerging Pathogens Institute (EPI)

<table>
<thead>
<tr>
<th>Institution</th>
<th>Country</th>
<th>Agreement Manager</th>
<th>Type</th>
<th>Termination Date</th>
</tr>
</thead>
<tbody>
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<td>Faculdade de Medicina do ABC</td>
<td>Brazil</td>
<td>J. Glenn Morris, Jr.</td>
<td>Cooperative</td>
<td>1/29/2024</td>
</tr>
<tr>
<td>University of Buea</td>
<td>Cameroon</td>
<td>J. Glenn Morris, Jr.</td>
<td>Cooperative</td>
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<td>Cooperative</td>
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<td>France</td>
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<tr>
<td>National Center for Disease Control and Public Health of Georgia</td>
<td>Georgia</td>
<td>J. Glenn Morris, Jr.</td>
<td>Cooperative</td>
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<tr>
<td>Padua University (Università di Padova)</td>
<td>Italy</td>
<td>Ilaria Capua</td>
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</table>

### Medicine

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<td>Global Kinetics Corp</td>
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<td>Christopher Hess</td>
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### Nursing

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<td>Spain</td>
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<td>Stephen Roberts</td>
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## Public Health and Health Professions

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<td>Petite Soeurs de Sainte Thérèse</td>
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<td>Instituto para el Desarrollo Infantil</td>
<td>Peru</td>
<td>Linda Struckmeyer</td>
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## Veterinary Medicine

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<td>Universidad del Valle de Mexico</td>
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## 11. Appendix II: International and Globally Focused Awards

### Dentistry

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<td>Katz, Joseph</td>
<td>Research &amp; educational funds for Wafaa El Said Ahmed Saleh</td>
<td>Foreign Government</td>
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**TOTAL** $8,500

### Medicine

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<td>Anderson, R</td>
<td>Affordability &amp; Real-world Antiplatelet Treatment Effectiveness After...</td>
<td>US University</td>
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<td>Atkinson, Mark</td>
<td>A 3D Tissue Map of the Human Lymphatic System</td>
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<td>US University</td>
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<td>Bihorac, Azra</td>
<td>Standard versus Accelerated Initiation of Renal Replacement Therapy in Acute Kidney Injury (STARRT-AKI): A...</td>
<td>Foreign University</td>
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<td>Patient Recruitment/Clinical Trials</td>
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<td>Bloom, David</td>
<td>Evaluation of the suitability of SafeSwitch-controlled HSV as anti...</td>
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<td>Brakenridge, Scott</td>
<td>Phase III, randomized, double-blind, placebo-controlled, parallel-group, study of AB103 as compared to...</td>
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<td>Patient Recruitment/Clinical Trials</td>
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<td>Brantly, Mark</td>
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<td>Functional proteomic &amp; genomic analysis of transcription factor TFII-I...</td>
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<td>Cabrera, Roniel</td>
<td>A Phase 3, Randomized, Double-Blind Study of Tivantinib (ARQ 197) in Subjects with MET Diagnostic-High...</td>
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<td>Chandran, Vijayendra</td>
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<td>Cleaver, Brian</td>
<td>TO #1 - Access &amp; Transfer of rAAV9-CMV-hAADC Production &amp; Testing...</td>
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<td>441,470</td>
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<td>Quality Control Testing of rAAV2-CMV-hAADC Lot # 2004-101</td>
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<td>Corti, Manuela</td>
<td>Clinical trial readiness for AAV-mediated gene therapy in Friedreich's Ataxia</td>
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<td>Validation of a Symptom Battery to Measure Patient-Reported Outcomes</td>
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<td>To expand Metabolome &amp; Lipidome coverage by performing parallel...</td>
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<td>Pain Assessment &amp; Management Initiative 3.0: Multimodal Approaches to Improve Pain Outcomes &amp; reduce...</td>
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<td>Pharmacokinetics of Anti-tuberculosis &amp; Antiretroviral Drugs in Children</td>
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<td>Newly-Diagnosed Brain Stem Gliomas Treated with Adoptive Cellular Therapy During Recovery from Focal...</td>
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<td>Ranum, Laura</td>
<td>Assessment of endobody vaccine for effectiveness &amp; ability to generate C9 in C9ORF72 ALS/FTD-repeat deletion &amp; transcriptional repression...</td>
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<td>Evaluation of the DreaMed Advice4U for Automated Insulin Pump Settings...</td>
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<td>Sweeney, Hugh</td>
<td>Mechanical Triggers to Programmed Cell Death in Cardiomyocytes - how to prevent their Action in Failing Hearts...</td>
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<td>Vittor, Amy</td>
<td>Heterologous immunity &amp; host susceptibility to emerging alphavirus...</td>
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<td>Wang, Eric</td>
<td>Therapeutic potential of CRISPR-Cas9 in C9ORF72 ALS/FTD-repeat deletion &amp; transcriptional repression...</td>
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<td>Wang, Eric</td>
<td>Transcriptome studies to identify biomarkers in myotonic dystrophy...</td>
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<td>Animal TBI &amp; neuroinflammation &amp; autoimmunity responses</td>
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<td>Evaluation of Tau &amp; Phospho-Tau as TBI Biomarkers on the hs-HISCL...</td>
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<td>Task Order #1 - Evaluating the use of biofluid-based biomarkers in TBI...</td>
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<td>Ward, Herbert</td>
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### Nursing

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<td>Wilkie, Diana</td>
<td>Evaluating the Tablet-based Turkish-PainReportIt for Assessing Pain of Lung Cancer...</td>
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### Pharmacy

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<td>Investigation of the Utility of a Novel Dynamic Cell Culture in...</td>
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<td>US Federal Agency</td>
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<td>Odedina, Folakemi</td>
<td>Principles &amp; Practices of Behavioral Research for Cancer Prevention &amp; Control in West...</td>
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<td>Application of physiologically-based pharmacokinetic models to inform dosing recommendations...</td>
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<td>Schmittgen, Thomas</td>
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## Public Health & Health Professions

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<td>Using intuitive eLearning to Provide Personalized Training to Informal Caregivers of Patients...</td>
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<td>Prosperi, Mattia</td>
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<td>Prosperi, Mattia</td>
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Vandenborne, Krista
A phase 2 clinical study to assess the activity & safety of utrophin modulation with SMT C1100 in... Foreign Corporation 2,211,805 Patient Recruitment/Clinical Trials UK

Vandenborne, Krista
A randomised, double blind, placebo controlled study to evaluate the micro-mac... Foreign Corporation 301,859 Patient Recruitment/Clinical Trials Italy, Netherlands

Vandenborne, Krista
ImagingDMD for Givinostat Phase 3 Clinical Trial Foreign Corporation 5,267,974 Patient Recruitment/Clinical Trials 6 Countries

Total $12,104,527

Veterinary Medicine

Bisinotto, Rafael
Strategies to extend sperm cell lifespan & improve fertility... US Corporation 61,689 Foreign Funder France

Crosby, Francy
ANAVAC - A combined tissue culture & reversevaccinology... Foreign University 69,778 Foreign Funder Norway

Curtiss, Roy
Brucellosis Vaccine Prize: Phase 1 Foreign Not-for-Profit Organization 100,000 Foreign Funder UK

Dinglasan, Rhoel
A biodegradable nano-microparticle prime-boost... US Federal Agency 1,311,197 Other Australia

Dinglasan, Rhoel
Determinants of malaria transmission by submicroscopic... US University 309,804 Country Specific Research Tanzania

Dinglasan, Rhoel
Process Development & Clinical Manufacturing of an Immunofocused, Mosquito-based Pan... Foreign Not-for-Profit Organization 3,195,628 Collaborative Research Cameroon, Japan

Dinglasan, Rhoel
RDT-undetectable Malaria in the DR Congo US University 478,112 Country Specific Research Democratic Republic of Congo

Dinglasan, Rhoel
Saliva-based Electrochemical Paper Microfluidic Malaria Rapid Test for Early Detection &... US Corporation 66,999 Patient Recruitment/Clinical Trials Cameroon

Hochman, Lindsay
An Investigation of Efficacy of Proprietary herbal supplement... US Corporation 44,682 Foreign Funder Canada

Kim, Stanley
2018 Boerhinger Ingelheim Veterinary Scholars Program Foreign Corporation 20,000 Collaborative Research Germany

Kim, Stanley
2019 Boerhinger Ingelheim Veterinary Scholars Program Foreign Corporation 15,000 Foreign Funder Germany

Marsella, Rosanna
Determination of effects of topical WOL071-308 in a colony... Foreign Corporation 103,889 Foreign Funder Germany

Milner, Rowan
Prospective, multicentre, randomised, double-blind, placebo controlled, 2-parallel... Foreign Corporation 2,235 Patient Recruitment/Clinical Trials France

Nguyen, Cuong
Identification of potent cross neutralizing Dengue antibodies... US Federal Agency 407,897 Country Specific Research Ethiopia

O’Kell, Allison
Evaluating canine diabetes as a novel means to understand the... US Federal Agency 291,780 Collaborative Research UK

Plummer, Caryn
Evaluation Of Topically Applied Cross-Linked Hyaluronic Acid... Foreign Corporation 20,016 Foreign Funder Germany

Santoro, Domenico
Effects of the New Epiotic on bacterial load & antimicrobial peptides secretion in the ears... Foreign Corporation 84,043 Patient Recruitment/Clinical Trials France

Santoro, Domenico
Investigation on the effects of Linkskin® spray on the... Foreign Corporation 71,851 Foreign Funder Italy

Santoro, Domenico
Pilot Study: in vitro efficacy of Ketochlor ingredients... Foreign Corporation 21,471 Foreign Funder France
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**TOTAL** $7,990,362
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