



UF Regional Report on International Activity: **Central and Southern Asia**

2018/19 Academic Year

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Value of Sponsored Activity in Central and Southern Asia (By College)

College/Unit	Total Funding (\$)	Percent of Dollars to Region	Number of Awards
Arts	30,000	0.1	1
Design, Construction and Planning	56,820	0.2	1
Engineering	103,500	0.4	2
Institute of Food and Agricultural Studies	15,075,111	62.1	16
Journalism and Communications	30,000	0.1	1
Liberal Arts and Sciences	2,529,512	10.4	4
Medicine	294,514	1.2	2
Public Health and Health Professions	61,500	0.3	1
UF Graduate School	4,926,600	20.3	1
UF International Center	1,177,830	4.9	1
TOTAL	24,285,387	100%	30
TOTAL UF	\$295,042,068	8.2%	594

- Sponsored activity tied to Central and Southern Asia is 8.2% of the value and 5.1% of the total number of projects.

Sponsored Activity in Central and Southern Asia - Principal Investigators (By College)

College/Unit	Principal Investigator: "Project Title"	Countries
Arts	Pufahl, Jeffrey: "The UF/Mumbai Theatre Exchange Project: Inspiring Social Justice in India"	India
Design, Construction and Planning	Alakshendra, Abhinav: "Understanding Slum Formation and Designing an Urban Housing Policy for Poor in Bihar"	India
Engineering	Bhunia, Swarup: "A Framework for Automatic Detection of Fault Attack Vulnerabilities"	India
	Wu, Chang-Yu: "Bench Fee for Syeda Irsa Kazmi"	Pakistan
Institute of Food and Agricultural Studies	Abd-Elrahman, Amr: "Visiting Researcher Scholarship Fee - Muhammad Safdar Hussain"	Pakistan
	Abd-Elrahman, Amr: "Visiting Researcher Scholarship Fee - Noor E Hira"	Pakistan
	Adesogan, Adegbola: "Feed the Future Innovation Lab for Livestock Systems"	Burkina Faso, Cambodia, Ethiopia, Mali, Nepal, Rwanda, Tanzania

College/Unit	Principal Investigator: "Project Title"	Countries
	Batuman, Ozgur: "Development of a citrus screening technique and evaluation of various substances to prevent infection and spread of Candidatus Liberibacter asiaticus (CLa)s in citrus"	India
	Brecht, Jeffrey: "Visiting Researcher Scholarship Fee-Sadiq Shah"	Pakistan
	Chase, Carlene: "Borlaug Higher Education for Agricultural Research and Development (BHEARD)-Bangladesh"	Bangladesh
	Dahl, Geoffrey: "FFPr Sri Lanka - Market-Oriented Dairy (MOD) project (IESC)"	Sri Lanka
	Gomez, Celina: "HEC Pakistan: Sadaf"	Pakistan
	Li, Yuncong: "International Research Support Initiative Program - Bench Fee for Awardee Ms. Safura Bibi"	Pakistan
	Meru, Geoffrey: "Genetic diversity among wild pomegranate accessions as revealed by SSR markers"	Pakistan
	Oli, Madan: "Occupancy and abundance estimates and genetic connectivity of large mammalian carnivores in the North East region of India."	India
	Sarkhosh, Ali: "HEC Pakistan Bench Fee: Zubair"	Pakistan
	Singh, Aditya: "Landscapes in flux: the influence of demographic change and institutional mechanisms on land cover change, climate adaptability and food security in rural India"	India
	Singh, Aditya: "Vegetation functional amplitudes along a rainfall gradient in Indian ecosystems using AVIRIS-NG"	India
	Taylor, Lisa: "Collaborative Research: Repeated Evolution of Color Vision in Jumping Spiders: An Integrated Approach to Understanding Diversification of Visual Systems and Signals"	Australia, India
	Zhao, Xin: "HEC Pakistan Bench Fee: Firdous"	Pakistan
Journalism and Communications	Kelleher, Thomas: "Henry and Eugenia Graham Professional Development Fund for Science/Health Communication"	Bangladesh, St. Vincent
Liberal Arts and Sciences	Blackburn, Jason: "Evaluating the ecology and persistence of Brucella spp. in livestock and wildlife in Kazakhstan and transmission potential to humans"	Kazakhstan
	Cummings, Derek: "Modeling interactions between HIV interventions in key populations in India"	India
	Guo, Zhongwu: "New Methods to Access GPI-Anchored Proteins and Study GPI-Anchored Proteomics"	China, India
	Meert, Joseph: "Incredible India: High Resolution Proterozoic Paleogeography through integrated studies of mafic dykes"	India

College/Unit	Principal Investigator: "Project Title"	Countries
Medicine	Clement, Nathalie: "Task Order 1 - Reagents preparations and pilot production of rAAV3 for Hemophilia"	India
	Nelson, Eric: "Development of a Bayesian diagnostic for etiological management of pediatric diarrhea"	Bangladesh, India
Public Health and Health Professions	Longini, Ira: "Targeted Vaccination of Children in Urban Slums against Cholera: Evaluation of Potentially Cost effective and Impactful Strategy for Deploying Oral Cholera Vaccine against Endemic Cholera in Bangladesh"	Bangladesh
UF Graduate School	Frierson, Henry: "Graduate Research Fellowship Program"	Australia, Austria, Brazil, Chile, Colombia, Denmark, Finland, France, India, Ireland, Japan, Republic of Korea, Mexico, Netherlands, Norway, Qatar, Singapore, Sweden
UF International Center	Russo, Sandra: "Advancing women's participation in livestock vaccine value chains in Nepal, Uganda & Senegal"	Nepal, Senegal Republic, Uganda

UF Sub Awards to Institutions in Central and Southern Asia (By College)

College/Unit	Total Funding (\$)	Percent of Total Dollars	Number of Awards
Center for Latin American Studies	180,558	21.0	1
Engineering	50,000	5.8	2
Institute for Food and Agricultural Sciences	439,304	51.1	1
Veterinary Medicine	189,918	22.1	1
TOTAL	\$859,780	100%	5
TOTAL UF	\$15,475,472	5.6%	74

- Sub awards to partners in Central and Southern Asia are 5.6% of the value of all sub awards at UF and 6.8% of the total number of projects.

Sub Award Principal Investigators (By College)

College/Unit	Principal Investigator: "Project Title"	Countries
Center for Latin American Studies	Nelson, Eric: "The evaluation of a mHealth platform for diarrheal disease decision support and real-time epidemiology"	Bangladesh
Engineering	Bhunia, Swarup: "A Framework for Automatic Detection of Fault Attack Vulnerabilities"	India
Institute for Food and Agricultural Sciences	Adesogan, Adegbola: "Feed the Future Innovation Lab for Livestock Systems"	India
Veterinary Medicine	Long, Maureen: "The Role of Arboviruses as a Cause of Undifferentiated Fever in Sind, Pakistan"	Pakistan

UF International Memoranda of Understanding (MOU) with Institutions in Central and Southern Asia

- There are 14 MOUs with institutions in Central and Southern Asia, which is 2.7% of all UF International MOUs.
- In this region UF has international MOUs with three countries; all but three are with institutions in India.
- International MOUs in the region are with academic managers from seven colleges/units. The majority are with Herbert Wertheim College of Engineering.

Country	Partner Institution	Academic Manager	College	Type of Agreement
Bangladesh	Bangladesh Friendship Education Society	Krieger, Janice	Journalism and Communications	Cooperative
India	JK Lakshmipat University	Sahni, Sartaj	Design, Construction and Planning	Cooperative
India	Indian Institute of Science	Ding, Mingzhou	Engineering	Cooperative
India	Manipal University Jaipur	Sahni, Sartaj	Engineering	Cooperative
India	Amity University Uttar Pradesh	Sahni, Sartaj	Engineering	Cooperative
India	Bennett University	Sahni, Sartaj	Engineering	Cooperative
India	Jaypee Education System	Sahni, Sartaj	Engineering	Cooperative
India	Thapar University	Sahni, Sartaj	Engineering	Cooperative
India	Tata Institute of Fundamental Research		Florida Museum of Natural History	Other
India	Centre for Wildlife Studies	Oli, Madan K.	IFAS	Cooperative
India	Central University of Gujarat	Ogram, Andy	IFAS	Cooperative

Country	Partner Institution	Academic Manager	College	Type of Agreement
India	Chitkara University	Grundmann, Oliver	Pharmacy	Cooperative
Nepal	Mid-Western University	Thapa, Brijesh	Health and Human Performance	Cooperative
Nepal	Tribhuvan University	Thapa, Brijesh	Health and Human Performance	Cooperative

International Students from Central and Southern Asia (By College)

College/ Unit	Bachelor	Master	Doctorate	Non Degree Other	Graduate Certificate	OPT	Total
Arts	2	4	3	-	-	3	12
Business	9	35	6	1	-	162	213
CLAS	11	23	140	1	-	155	330
Dentistry	-	1	-	-	-	-	1
DCP	2	25	16	-	-	54	97
Education	-	1	4	-	-	-	5
Engineering	12	461	133	-	1	886	1493
HHP	-	1	4	-	-	1	6
IFAS	3	11	63	-	-	19	96
J & C	-	2	-	-	-	1	3
Law	-	1	-	-	-	1	2
Medicine	-	3	15	-	-	8	26
Pharmacy	-	2	13	6	1	2	24
PHHP	1	1	13	1	-	8	24
Vet. Med.	-	1	-	-	1	-	2
TOTAL	40	572	410	9	3	1,300	2,334
TOTAL UF	810	1,651	1,715	301	33	2,145	6,655
Central and Southern Asia as Percent of UF	4.9	34.6	23.9	3.0	9.1	60.6	35.1%

- 35.1% of all international students are from Central and Southern Asia.

International Students from **Central and Southern Asia** (By Country)

Country of Citizenship	Bachelor	Master	Doctorate	Non Degree Other	Graduate Certificate	OPT	Total	Percent of Region
Afghanistan	-	-	2	-	-	-	2	0.1
Bangladesh	-	5	23	-	-	7	35	1.5
Bhutan	1	-	-	-	-	-	1	0.04
India	29	542	239	8	2	1,254	2,074	88.9
Iran	-	10	82	1	-	21	114	4.9
Kazakhstan	-	2	-	-	-	-	2	0.1
Nepal	2	8	36	-	-	14	60	2.6
Pakistan	7	3	13	-	-	4	27	1.2
Sri Lanka	-	1	15	-	1	-	17	0.7
Tajikistan	1	-	-	-	-	-	1	0.04
Uzbekistan	-	1	-	-	-	-	1	0.04
TOTAL	40	572	410	81	3	1,300	2,334	100%
TOTAL UF	810	1,651	1,715	301	33	2,145	6,655	
Central and Southern Asia as Percent of UF	4.9	34.6	23.9	26.9	9.1	60.6	35.1	

- Students from the region represent eleven countries.
- 89% of all students from the region are from India.

International Visiting Scholars from **Central and Southern Asia** (By College)

- 10% of all International Visiting Scholars at UF are from this region.
- The majority of the Visiting Scholars from the region are enrolled in IFAS (3%); Medicine (20%); and Engineering (15%).

College/Unit	Professor	Research Scholar	Short Term Scholar	Student Intern	Total	Percent of Region Total
CLAS	-	4	-	-	4	2.7
Dentistry	-	7	-	-	7	4.8
DCP	-	1	-	-	1	0.7
Engineering	-	11	3	8	22	15.0
Florida Museum	-	2	-	-	2	1.4
HHP	-	1	-	-	1	0.7
IFAS	-	29	23	1	53	36.1
Medicine	-	27	2	-	29	19.7
Pharmacy	-	14	1	1	16	10.9
Vet. Med.	-	10	1	-	11	7.5
Other	-	1	-	-	1	0.7
TOTAL	-	107	30	10	147	100%
TOTAL UF	5	1,118	314	94	1,538	
Central and Southern Asia as Percent of Total UF	0.0	9.6	9.6	10.6	9.6	

International Visiting Scholars from Central and Southern Asia (By Country)

- International visiting scholars from this region are from seven countries in Central and Southern Asia. The majority are from India.

Country of Citizenship	Professor	Research Scholar	Short Term Scholar	Student Intern	Total	Percent of Region Total
Bangladesh	-	3	1	-	4	2.7
India	-	76	7	10	93	63.3
Iran	-	20	2	-	22	15.0
Kazakhstan	-	-	1	-	1	0.7
Nepal	-	1	1	-	2	1.4
Pakistan	-	6	18	-	24	16.3
Sri Lanka	-	1	-	-	1	0.7
TOTAL	-	107	30	10	147	100%
TOTAL UF	5	1,118	314	94	1,538	

Study Abroad to Central and Southern Asia (By College)

College/Unit	Number of Students	College Total	Percent of College
Business	1	784	0.1
CLAS	12	712	1.7
HHP	1	67	1.5
IFAS	8	192	4.2
J & C	3	213	1.4
Nursing	2	32	6.3
TOTAL	27		1.0
TOTAL UF	2,637	2,637	100%

- Only 27 or 1.0% of all study abroad students visited Central and Southern Asia.
- For any college the percentage of study abroad students visiting this region is less than ten percent of all study abroad trips.

Study Abroad to Central and Southern Asia (By Country)

Country	Number of Students	Percent of Total UF
India	1	0.04
India and Nepal	26	1.0
TOTAL	27	1.0
TOTAL UF	2,637	100%

UF Travel to Central and Southern Asia (By Country)

- 120 trips were made to Central and Southern Asia, or 2.8% of all travel.
- The majority of trips to the region are to India and Nepal.

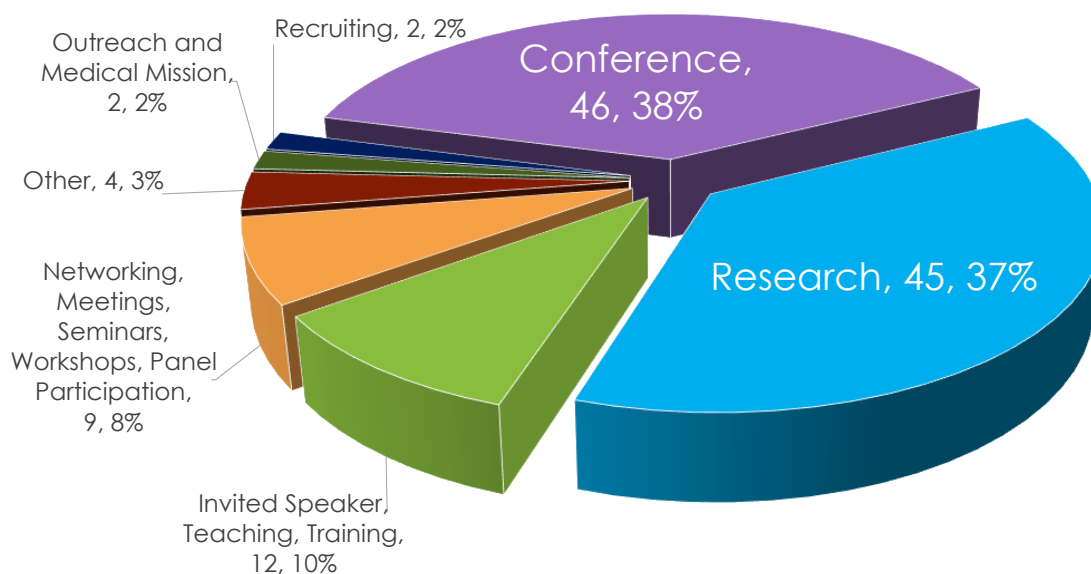
Country	Number of Trips	Percent of Total to Region
India	74	61.7
Nepal	26	21.7
Sri Lanka	7	5.8
Bangladesh	4	3.3
Kazakhstan	4	3.3
Pakistan	3	2.5
Bhutan	1	0.8
Uzbekistan	1	0.8
TOTAL	120	100%
TOTAL UF	4,342	

UF Travel to Central and Southern Asia (By College)

College/Unit	Number	Percent by College Trips to Region	Percent of All Trips in College
Business	1	0.8	0.7
CLAS	10	8.3	1.3
DCP	5	4.2	7.4
Dentistry	2	1.7	2.1
Education	1	0.8	1.4
Engineering	21	17.5	4.4
Florida Museum	2	1.7	1.4
HHP	1	0.8	1.7
IFAS	39	32.5	4.1
J & C	1	0.8	2.3
Law	1	0.8	2.9
Medicine	7	5.8	1.6
Pharmacy	2	1.7	1.8
PHHP	8	6.7	5.2
Type One Centers	3	2.5	4.3
UF Administration	3	2.5	1.8
UF International Center	4	3.3	11.4
UF Libraries	1	0.8	2.6
Not Reported	8	6.7	3.5
TOTAL	120	100%	

- Most trips to the region are from IFAS and the Herbert Wertheim College of Engineering.

UF Travel to Central and Southern Asia (By Purpose)



Countries Included in the Central and Southern Asia Regional Report ¹

Central Asia

Kazakhstan
Kyrgyzstan
Tajikistan

Turkmenistan
Uzbekistan

Southern Asia

Afghanistan
Bangladesh
Bhutan
India
Iran (Islamic Republic of)

Maldives
Nepal
Pakistan
Sri Lanka

¹ This list includes all countries in the region; however, UF may not have activity in every country. The geographical regions are grouped according to the United Nations. Learn more about the methodology here:

<https://unstats.un.org/unsd/methodology/m49/>

Learn more about this region:

- Central Intelligence Agency, The World Factbook – Central Asia -- https://www.cia.gov/library/publications/the-world-factbook/wfbExt/region_cas.html
- Central Intelligence Agency, The World Factbook – South Asia -- https://www.cia.gov/library/publications/the-world-factbook/wfbExt/region_sas.html
- World Bank, DataBank – Central Asia – <https://data.worldbank.org/region/europe-and-central-asia>
- World Bank, DataBank – South Asia -- <https://data.worldbank.org/region/south-asia>
- Wikipedia, Central Asia -- https://en.wikipedia.org/wiki/Central_Asia
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