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VSoE Global Initiatives

• VSoE to have strong branding globally; in India and China
• Global attractor of talent in terms of faculty and students
• Opportunities for collaborative research and education
• Friendraising and fundraising

• We have strong presence in China, India, Korea, Mexico, and other countries
• Advisory Boards for China and East Asia, and India with annual meetings
• Offices in Mumbai, Bangalore in India; Shanghai and Beijing in China
• I-Podia alliance with partner institutions in 10 countries
Establish ties with top institutions around the world
Particularly in China, India, we have many partner institutions
Ties in Korea, Singapore, South America, UK, and other countries
Perception and branding important. Pipeline of quality students
Annual Board Meetings in India and China
Support for responding to international collaboration projects
Connecting with our partner institutions for faculty traveling in other countries
Work with USC globalization office and our offices abroad
Research: Global Ties

Research collaboration with international partners

- Korea: Airbus, GE, Pratt and Whitney
- Hong Kong: Reducing pollution and improving efficiency of diesel engines – with TCC Foundation
- China: Research projects for US-China collaborations
- Mexico: CONACyT PhD Fellowships; Postdocs program
- India: CAST Institute with Infosys; TCS; IUSSTF
- India: SERB PhD Fellowships; 5 each year for 4 years
- Brazil: Science without borders program
Academic Collaborations

Overseas academic collaborations and recruitment of undergraduate and graduate students

- Focused efforts for India and China for academic collaborations
- Expansion of I-Podia to many countries and different courses
- Dual degree programs

Collaboration (from student exchange to summer interns to research) with a number of universities

- Viterbi-India Program: 20 students completing 3rd year of studies from IITs, BITS, IIITs come to USC each year
- Students from Tsinghua University
- Students from India, China, Korea, Mexico
USC-Tsinghua University Program

- Research and education collaboration between VSoE and the School of Information Science and Technology Tsinghua University
  - Funded by common alumnus Feng Deng
  - Research Symposia since 2007 to lead to faculty collaboration between the two schools in important research areas.
  - Summer internships, both at USC and at THU (typically for undergraduates);
  - 8 to 12 students from THU come to USC and 4 to 6 USC students go to THU each summer
  - Dual Graduate Degrees, THU MS/PhD students to come to USC for a Master’s degree and vice versa
IUSSTF-Viterbi Program

Research Experience for undergraduate students

- Established in 2010 with support from IUSSTF
- 20 students completing 3rd year of studies from IITs, BITS, IIITs in EE and CSCI areas came to USC in 2016; another 4 students in Bose scholar program
- Students spend 8 weeks at USC during summer and conduct research with faculty
- Highly selective program with over 300 students applying for 20 spots each summer
- Initial screening by IUSSTF officers and final selections by USC
Summary

• Establish strong presence and brand globally
• Be a global attractor of top talent to VSoE
• Friendraising and Fundraising globally

http://viterbi.usc.edu/academics/globalization