

VSOE Globalization

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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**

VSoE Global Presence

- **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 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>