

VSOE Globalization

Prof. Cauligi (Raghu) Raghavendra Vice Dean for Global Academic Initiatives

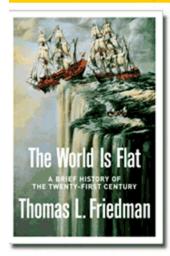
University of Southern California
VITERBI SCHOOL OF ENGINEERING

raghu@usc.edu

viterbi.usc.edu/academics/globalization



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

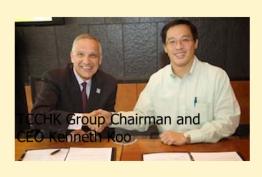
- Establish ties with top institutions around the world
- Particularly in China, India, we have many partner institutions
- Ties in Korea, Singapore, South America, UK, and other countries
- Perception and branding important. Pipeline of quality students
- Annual Board Meetings in India and China
- Support 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

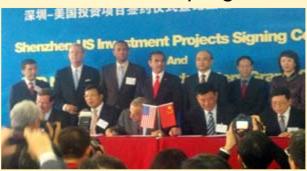


Research: Global Ties

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