

SOME MIT INTERNATIONAL EDUCATIONAL ACTIVITIES

CGS NEW DEANS' WORKSHOP

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Initiatives at Every Level

- Institutionally sanctioned, strategic initiatives
- School and departmentally generated activities
- Interdisciplinary initiatives

Strategic and Departmental

- International Alliance/Degree Programs
 - Cambridge University - MIT Institute (CMI)
 - Singapore - MIT Alliance (SMA)
- Institutional Development Programs
 - MIT - Zaragoza International Logistics Program (ZLOG)
 - Malaysian University of Science and Technology (MUST)

Interdisciplinary Initiatives

- Internship & Study-Abroad Programs
 - MIT International Science & Technology Initiatives (MISTI, Center for International Studies)
- Inter-University Collaborations for International Development (IDI)
 - University-to-University (U2U, Edgerton and Public Service Centers)

Strategic Initiatives

- Cambridge - MIT Alliance (CMI), est. 2000
 - Supported by UK government, industry and others
 - Focus on entrepreneurship, competitiveness and research productivity [pdf1]
 - 6 Master's Degree programs at Cambridge University
 - [pdf2]
 - ~50 undergraduate exchange students annually
 - Some flow of visiting graduate students, but not high
 - No joint degrees

Strategic Initiatives

- Singapore-MIT Alliance (SMA), est. 1998
 - National University of Singapore (NUS), Nanyang Technical University (NTU) and MIT
 - To promote engineering education and research in Southeast Asia [pdf3]
 - Supported by Singapore government and industry
 - Initially, a joint-degree program for MS Degree
 - Now a dual-degree program
 - MS Degree from MIT and MS Degree from NUS or NTU
 - 6 program areas [pdf4]
 - Combines distance ed with on-campus courses

Departmental Initiatives

- MIT-Zaragoza Logistics Program, est. 2003
 - To develop Aragon region of Spain as Europe's logistics and supply chain center [pdf5]
 - Argon-financed logistics industrial park and research center near Zaragoza
 - Master's of Logistics (ZLog) Degree from University of Zaragoza , a part-time degree (MDL), and a PhD
 - Joint research and practicum in logistics and supply chain management
 - No joint or dual degrees, but programs co-directed by MIT director of Center for Transportation & Logistics

Departmental Initiatives

- Malaysian University of Science & Technology (MUST), est. 2002
 - New institution, to develop technology workforce [pdf6]
 - Financed by Malaysian government and Motorola Foundation
 - MIT guidance to build and administer programs
 - Thesis based Master's Degrees [pdf7]

Interdisciplinary Initiatives

- International Science & Technology Initiatives (MISTI), est. 1994
 - 4 departments and the Center for International Studies (Economics, Political Science, Foreign Languages & Literatures, Management)
 - 9 country programs (China, France, Germany, India, Italy, Japan, Korea, Mexico, Singapore)
[pdf8]

MISTI

- Mostly undergraduate, but significant graduate participation since 1994
 - Internships
 - Visiting students and postdocs
 - No joint or dual degree programs
- 40+ corporate and foundation sponsors [pdf9]

MISTI

- MISTI-China
 - Translate OCW courseware into Chinese [pdf10]
- MISTI-France
 - PhD and Postdoctoral fellowships
 - Visiting faculty at MIT and in France [pdf11]
- MISTI-Germany
 - 250+ undergrad and grad interns since 1997
 - High-volume research exchange
- MISTI-Korea
 - Newest program [pdf12]

International Outreach

- International Development Initiative (IDI)
- Promotes “appropriate development”
 - Focus at community level and on innovative solutions for developing nations
 - Expands impact of existing, scattered efforts
- Tech oriented, idea development workshops
 - D-Lab classes and field trips
 - Ideas Competition for teamwork and creative ideas
 - Fellowship support for implementing projects [pdf13]
- Inter-university collaborations
 - Univ. Michigan, UC Davis, Harvard Medical, Univ. Zambia.

Many Other Initiatives

- Decentralized MIT environment leads to free market of programs
 - Institutional priorities: Where to encourage or discourage alliances?
 - Controls on use of brand name?
- Strong student interest and participation
 - Steadily growing graduate involvement