

April 27, 2015

Ying Zhang, PhD
Director of Graduate Studies
Department of Biostatistics

Dear Ying,

I wish to express my strong support for the “Collaborative International Dual MS degree Program in Biostatistics” to be offered by our department in the Richard M. Fairbanks School of Public Health and the Shanghai Jiao Tong University (SJTU) in China. I believe that this collaboration will be beneficial to both IUPUI and SJTU and will bring new well-qualified students to our MS program. I look forward to working with these students in the future.

Sincerely,



Barry P. Katz, PhD
Professor and Chair



上海交通大学
Shanghai Jiao Tong University

Department of Mathematics

Ying Zhang, PhD

Professor and Director of Education

Department of Biostatistics

IU Richard M. Fairbanks School of Public Health

IU School of Medicine

410 W. Tenth Street, Suite 3000

Indianapolis, IN 46202

RE: Dual MS degree between Shanghai Jiao Tong University and IU

Professor Zhang,

It is my pleasure to write in support of the application for the dual MS degree program between the Department of Mathematics at Shanghai Jiao Tong University (SJTU) and the Department of Biostatistics at the Fairbanks School of Public Health at Indiana University (IU).

The Department of Mathematics, as one of the earliest established departments of SJTU, boasts a strong team of faculty in mathematics and statistics research, among whom many get their Ph.D. degrees from top universities overseas or have postdoctoral experiences overseas. In the past years, we have established partnership with many universities, such as Northwestern University, University of Wisconsin at Madison, University of Connecticut, University of Konstanz (Germany) and Pierre and Marie Curie University (France). Therefore, we are capable of developing a solid graduate training program to cultivate high quality talents. The MS degree in Statistics or Applied Statistics at SJTU were certified by the Ministry of Education of the People's Republic of China, which is also of potential value for the students from IU to look for good development opportunities in Shanghai if they apply for this program.

Shanghai Jiao Tong University, located in Shanghai, one of the Asia financial centers, is aiming to explore innovation and development in the discipline of biostatistics so as to meet the increasing demands of pharmaceutical companies and research centers for biostatistics talents. As one of the centers of the pharmaceutical industry in Asia and the Pacific Region, Shanghai lacks a great number of high-level biostatistics talents with updated expertise and research capabilities. Hence, it is a good choice for the Department of Mathematics at SJTU to establish this Dual-Degree MS program in Biostatistics with Richard M. Fairbanks School of Public

Health at IU. We know that IU is strong in biostatistics research and enjoys excellent academic reputation, which is the very reason for us to choose IU as the partner. Through the cooperation, we hope that the SJTU students can fully develop their potentials and be well trained as high-level talents in either academic or business sector. Meanwhile, we also hope that the IU students can be well trained in SJTU through participating in this program and find their own opportunities in Shanghai.

In summary, I believe that this Dual MS degree between SJTU and IU will be mutual beneficial and create some new collaborative space for both institutions.

For this program, the Department of Mathematics at SJTU started to discuss it with Prof. Ying Zhang almost a year ago. During this year, the Dean of IU Fairbanks School of Public Health, Prof. Paul Halverson, the Director of the IUPUI Office of International Affairs, Ms. Jan Aycock and the Director of IU Beijing Office, Steven Yin all visited the Department of Mathematics at SJTU to push forward the progress of this dual MS degree program, which is highly appreciated.

As I understand, we intend to develop this dual MS degree program with the following components and activities:

- ◎ Students in China who are recruited by the Department of Mathematics at SJTU for the Applied Statistics or Statistics MS program will be accepted to the IU MS program in Biostatistics if they meet the admission criteria of the program.
- ◎ Students can transfer at maximum 21 credit hours they earn from SJTU on the comparable courses to our Biostatistics MS program.
- ◎ Students from SJTU will fulfill all the requirements of MS in Biostatistics to receive the IU MS degree in Biostatistics.
- ◎ Students from SJTU will be expected to pay their own tuition and living expense to attend the dual degree program. IU has no financial obligation for those students.
- ◎ IU MS students in Biostatistics are allowed to enroll either Statistics or Applied Statistics MS program offered by Department of Mathematics at SJTU and to receive a SJTU MS degree if they fulfill all the degree requirements for the corresponding degree program.
- ◎ IU MS students in Biostatistics who choose to participate in this dual degree program are responsible for their tuition and living expense in China. IU has no financial obligation to those students.

Of course, if this program succeeds, we can explore more possible ways to collaborate with each other in respect of both education and research. The excellent IU faculties in the Department of Biostatistics can be invited to SJTU to teach in the summer session of every year. The faculty and students (especially doctoral students) mobility between the two institutions will also be encouraged.

I am really excited about this opportunity to witness the cooperation between the two good institutions and sincerely hope that this program can be executed soon so as to bring more benefits to both parties.

Sincerely,

Dong Han



Deputy Chair and Professor
Department of Mathematics
Shanghai Jiao Tong University





IUPUI

**RICHARD M. FAIRBANKS
SCHOOL OF PUBLIC HEALTH**

INDIANA UNIVERSITY

Indianapolis

Ying Zhang, PhD
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IU Richard M. Fairbanks School of Public Health
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Indianapolis, IN 46202

RE: Dual MS degree between IU and Shanghai Jiao Tong University

Professor Zhang:

I am pleased to write in support of the application for the dual MS degree program between the Department of Biostatistics at the Fairbanks School of Public Health at Indiana University and the Department of Mathematics at Shanghai Jiao Tong University in China.

The program you envisioned fits the Fairbanks School strategic plan of expanding our education programs and increasing our collaborative research activities. Shanghai Jiao Tong University is one of the best universities in China with many distinguished research faculty and high-achieving students. This dual program will not only help attract the best students into the newly established MS program in Fairbanks School, but also create opportunities of broad collaboration in education and research among faculty of the two universities. Additionally, it will help the Fairbanks School establish a national and international reputation as an innovator in public health.

I understand you intend to develop this dual MS degree program with the following components and activities:

- Students in China who are recruited by the Department of Mathematics at Shanghai Jiao Tong University for the Applied Statistics or Statistics MS program will be accepted to the IU MS program in Biostatistics if they meet the admission criteria of the program.
- Students can transfer at maximum 21 credit hours they earn from Shanghai Jiao Tong University on the comparable courses to our Biostatistics MS program.

- Students from Shanghai Jiao Tong University will fulfill all the requirements of MS in Biostatistics to receive the IU MS degree in Biostatistics.
- Students from Shanghai Jiao Tong University will be expected to pay their own tuition and living expense to attend the dual degree program. IU has no financial obligation for those students.
- IU MS students in Biostatistics are allowed to enroll either Statistics or Applied Statistics MS program offered by Department of Mathematics at Shanghai Jiao Tong University and to receive a Shanghai Jiao Tong University MS degree if they fulfill all the degree requirements for the corresponding degree program.
- IU MS students in Biostatistics who choose to participate in this dual degree program are responsible for their tuition and living expense in China. IU has no financial obligation to those students.
- Potential collaborative work with Shanghai Jiao Tong University in both education and research that IU faculties in the Department of Biostatistics perform in China for the summer/winter breaks will be endorsed and counted as his/her regular work for IU.
- The Fairbanks School of Public Health will be sponsoring faculty from the Department of Mathematics at Shanghai Jiao Tong University to visit the Department of Biostatistics at IU for potential collaboration in education and research.

In additional support of this effort, Barry Katz, Chair of the Department of Biostatistics, may allocate funding for you to work with your collaborators in Shanghai Jiao Tong University during summer and winter breaks. This opportunity will help promote and develop this dual MS degree program in your first three-year appointment at the Fairbanks School. I am excited about this opportunity and I look forward to meeting with you periodically to discuss your progress.

Sincerely,



Paul K. Halverson, DrPH, FACHE
Founding Dean and Professor



IUPUI

**OFFICE OF
INTERNATIONAL AFFAIRS**

INDIANA UNIVERSITY-PURDUE UNIVERSITY

Indianapolis

To: Graduate Affairs Council

From: Jan Aycock, Director
Office of International Admissions

RE: Joint Collaboration with SJTU to offer the Dual MS Biostatistics Degree

Date: April 27, 2015

When I heard that Dr. Ying Zhang was collaborating with one of the most prestigious universities in China to offer a dual graduate degree in Biostatistics, I was elated. Shanghai Jiao Tong University, established by imperial edict in 1896, is one of the most selective institutions in China. Our association with an institution of such stature will speak volumes to the educational community in China and worldwide about the quality of IUPUI programs, a point that Dr. Zhang makes clear in his proposal. SJTU chooses academic partners carefully. Indeed, MIT has a long relationship with SJTU due to SJTU's status as a national "key" institution in areas of scientific research and the development of innovative technology.

In my role, I focus on recruitment in China, a country that is the one of the biggest senders of international scholars to the US. I know the importance of reputation and prestige in any effort to recruit Chinese students who represent one of the most heavily recruited student populations in the world. Dr. Zhang's accomplishment in forging a relationship with SJTU will greatly increase IUPUI's visibility and strengthen our recruitment efforts in a variety of ways.

I visited the Minhang Campus, one of 6 campuses of SJTU, and the largest. This campus houses the majority of the total 37,000 undergraduate and graduate students and is the research and development center of many high-tech companies such as Intel and Microsoft. It is a huge, but beautiful and modern campus, with some of the best laboratories and research facilities in the country. In a meeting with Dr. Han of the Mathematics department, I came to understand the curriculum of the MS Applied Statistics and MS Statistic degree. In International Admissions, we know that the transfer credit ratio will be 1 to 1 and have determined the grading scale to delineate the appropriate transfer of graduate level credits for SJTU to IUPUI. Dr. Han was very enthusiastic about this joint degree program, and I hope that the approval process will be able to proceed quickly, but with the due diligence necessary to ensure all program and university requirements are fulfilled.