上海交通大學
SHANGHAI JIAO TONG UNIVERSITY

Introduction

The School of Pharmacy has a primary mission in educating and training the next generation of specialists in pharmaceutical sciences. The School has built a strong research and teaching faculty with international training background and is one of the national fastest growing pharmacy schools within multi-disciplinary universities. The School is authorized by the Ministry of Education (MoE) to award Bachelor, Master and Doctoral degrees in Pharmaceutical Sciences. There is also a MoE-approved postdoctoral training base. The School is ranked No. 8 in China by the MoE based upon the overall performance in pharmaceutical sciences.

The School of Pharmacy offers opportunities for graduate study in a wide range of contemporary areas of pharmaceutical sciences, including Medicinal Chemistry, Chemical Biology, Pharmacognosy, Pharmacology, Pharmaceutics and Biopharmaceutical Engineering. In many instances, faculty members collaborate with colleagues in pharmacy and other disciplines on research problems.

School of Pharmacy

Majors	Supervisors	Research Areas
Pharmacology	LI Xueyi QIAN Feng WANG Yongxiang ZHAO Bo	Pain Pharmacology, Receptor Pharmacology, Neuropharmacology, Immunopharmacology and Herbal Pharmacology.
Pharmaceutics	GUO Shengrong SHEN Qi XU Yuhong	Anticancer Drug Delivery System, Molecular Pharmaceutics, Oral and Targeted Drug Delivery System, Pharmaceutics of TCM
Medicinal Chemistry	FU Lei ZHANG Wanbin ZHOU Huchen	Small Molecule Synthesis, Chemical Biology, Natural Product Chemistry, Total Synthesis of Natural Products.
Microbial and Biochemical Pharmacy	HAN Wei WANG Zhilong ZHU Jianwei	Regeneromics, Biotech Drug, Bioprocess Engineering, Key Techniques of Biological Drugs and Vaccine Production, Innovation of Biological Medicine Research & Development.
Pharmaceutical Analysis	YAN Chao	Pharmaceutical Analysis and Metabolomics.
Pharmacognosy	LI Xiaobo	Natural Drug Active Material and Quality Control Research.

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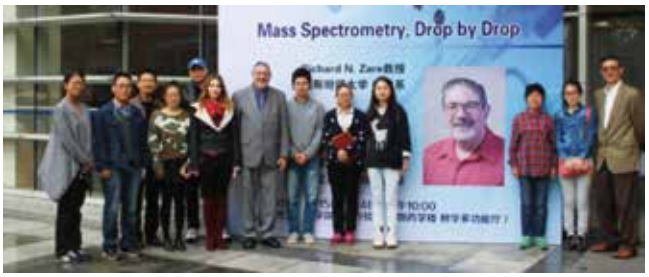
Doctoral Degree Program of Pharmaceutical Science

Graduate study stresses the unique needs of the students. Basic course and examination requirements are deliberately kept to a minimum, so that each candidates can maximum the flexibility in fulfilling individual research interests. Graduate students are usually engaged in research by the second semester of their first year.

Due to the confidence the School has in its selection of candidates for admission to international graduate study, no comprehensive examinations are required. The only formal test requirement for incoming international students is to display proficiency and breadth in pharmacy at the level of a traditional advanced undergraduate curriculum. Before the Fall semester, a set of qualifying examinations is taken by the incoming class of international graduate students. If there are any deficiencies identified, an additional opportunity to pass the examinations is offered before the start of Spring semester. As soon as all qualifying examinations are passed, possible research problems are discussed with individual faculty members. Subsequent course work and other requirements are largely determined by the student and research advisor(s). A student may pursue the degree of Doctoral of Medicine through a customized balance of coursework, directed research and thesis research. Core curriculum in international graduate program includes Principles of Medicinal Chemistry, Introduction of Pharmaceutics, New Technologies in Drug Discovery, Pharmacology Guide, Biotechnology: Basic Concepts and Techniques, and Presenting Science.



The School is making efforts to enhance and expand its international collaboration and exchange programs. In recent years, we have actively hosted and sponsored influential international conferences to broaden our international vision. We have also established extensive research collaboration and scholar exchange with many world famous institutions and pharmaceutical companies, such as Stanford University, Cambridge University, Imperial College of Science and Technology, Chinese University of Hong Kong, University of Michigan, University of Illinois, National Cancer Institute (USA), Zengen Inc., BioPharm Solutions Inc., F.Hoffmann-La Roche Ltd, DSD Corporation Limited, Genzyme Corporation, Nippon Chemical Industrial Co., Ltd. (Japan), Pfizer Inc.(USA), Jeju Provincial Development (Korea), BioPharm Solutions Inc. (USA), and Genzyme Corporation (USA).

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