

**Chinese-foreign Collaboration in Running Schools Project
Agreement between QMU, China and TSU, United States**

China Partner (Party A): Qiqihar Medical University, China

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Heilongjiang Province, P.R. China

Legal Person : Liu Jicheng

Foreign Partner (Party B) : Texas Southern University

Address : 3100 Cleburne Street, Houston, Texas 77004, USA

Legal Person :

Agreement Valid : 10years (for 5 batches students)

Collaboration Place : Qiqihar Medical University

Through mutual discussions and consultations between Qiqihar Medical University, China and Texas Southern University, USA reached the following agreements on conducting sino-foreign cooperative education programs.

Chapter 1 Objectives

1. Purpose

To promote the exchanges between China and the United States with higher medical education and healthcare business. By means of American advanced educational concepts, teaching methods, teaching materials and usher in outstanding teachers, combined with China's national conditions and the actual situation of Qiqihar Medical University, we adopt scientific integration in order to cultivate high-quality and capacity pharmaceutical talents.

2. Educational Targets

Grasp modern basic theory of pharmacy, and in addition the basic knowledge and technology. Possession of good scientific literacy, ability of independent access to knowledge and applying it in practice independently. Hand professional English, with the abilities of listening, speaking, reading and writing. Train complex senior pharmaceutical

talents who have abilities of clinical pharmacy daily work, clinical pharmacology studies, pharmacokinetic clinical medicine, clinical medicine management, community pharmacy management, drug testing, pharmacy administration and other aspects of the work.

Chapter 2 Cooperative Education Programs

3. Cooperative Level and Professions

Undergraduate Clinical Pharmacy

4. Cooperative Modes.

Students study 5 years in Party A and complete all the courses of collaborating projected teaching plan. They will get the diploma from QMU by passing examinations.

5. Teaching organization and arrangements

Cultivation programs, teaching plans, teaching syllabus of cooperative education programs should be negotiated and confirmed by both sides, according to training goals. Using bilingual teaching that Party B will send outstanding teachers to Part A for curriculum teaching annually, and they are responsible for supplying original teaching materials. Among it, Part B teaches curriculum should not less than one third of total courses and core courses within this program. Part B teachers carry total course amount and teaching hours of core course are not less than one third within this program.

6. Grading

Students achievement appraisal and recording way will be completed according to the cooperation training standard.

7. Graduation and Diplomas

If the students accomplish all kinds of professional courses, which meet the requirement of cooperation teaching plan and passing grades, as well as whose performances fulfill the requirements of graduation and degree of Party A and B, they will be awarded undergraduate course diploma and bachelor's degree certificate from QMU.

8. The Registration of Students

The students are registered as the undergraduates of Party A under this collaboration project.

9. Admissions

The plan for enrollment needs to be discussed by both parties to submit it, and the one approved by the education ministry.

10. Intellectual property rights

Party A owns the intellectual property of the teaching materials, curriculum materials, audio and video products in Chinese version. Party B owns the intellectual property of the teaching materials, curriculum materials, Audio and video products in English version.

Chapter 3 Rights and Roles

11. The Rights and Roles of Party A:

- (1) Be responsible for declaring this program to Chinese administrative departments.
- (2) Be responsible for transacting the affairs that help the teachers from Party B to get exit and entry permission in China and the invitation ,visa, etc.
- (3) Be responsible for providing accommodation and eating places.
- (4) Be responsible for Providing party B to party A the teachers salary and travel back and forth, with reference to the current criteria of cooperation in Party B.
- (5) Be responsible for recruitment, enrollment, academic and daily management of students.
- (6) Keep track of students' academic records and evaluation, including the records of attendance, and professors' assessment.
- (7) Carry out the teaching plan and syllabus made by both sides.
- (8) Issue the diplomas of party A to the students who reach the standards of graduation and the requirements of getting the bachelor degree of the two parties.

12. Role of Party B:

- (1) Be responsible for setting up cooperation projects syllabus and plan together with Party A. Provide related professional network curriculum resources to party A.
 - (2) Be responsible for sending outstanding teachers to Party A as the cooperation project teachers to teach students.
 - (3) Offer teaching material samples of Pharmacy to Party A two months before every semester.
 - (4) Keep track of students' relative records
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- (5) Audit the materials of the students who are in this cooperative projects
- (6) students who reach standards of graduation and the requirements of getting the diploma and degree of the party A, can be priority gotten right to pursue degree of Pharm.D, MA and PhD.

Chapter 4 Cooperation Project Management

13. Party A and Party B set up Chinese-Foreign Cooperation Project Management Committee. The President of Party A will be the director of the committee and the President of Party B will be the vice director of the committee.
14. The Chinese-Foreign Cooperation Project Management Committee holds a meeting to solve any problems encountered in the teaching at fixed period.
15. The members of Chinese-Foreign cooperation Project Management Committee of Party A hold meetings on a regular time schedule to examine the action of the collaboration to the cultivation quality of the students.

Chapter 5 Cooperation Deadlines

16. The validity of the agreement signed by the two sides will be 11 years for 5 batches of the students.
17. This agreement could be abolished when there are irresistible things.
18. If one party applies to stop this agreement in written form, through consultation, this agreement could be stopped and complementary agreement will be signed to insure the cultivation quality of the students.
19. This agreement is written in English and Chinese versions, and the content is the same, which has legal effects.

Chapter 6 Arbitration

20. Any dispute in connection with this agreement shall be first of all settled between both parties concerned through friendly consultation. In case no settlement can be reached through consultations or intermediation, both parties shall submit the dispute for arbitration with the legal arbitration system.

By

Qiqihar Medical University

Signature of President

Date:

By

Texas Southern University

Signature of President

Date:

Attachment :

Co-organized Curriculum of Clinical Pharmacy Between QMU and TSU

Summary of Clinical Pharmacy Talent Culture Criteria

Table 1: Curriculum Arrangement in Teaching Plan

Table 2: Teachers List of Core Curriculum

Table 3: Teaching Material List of Core Curriculum

3rd March , 2014

Table 1. Curriculum Arrangement in Teaching Plan

Curriculum Category	No.	Courses	Total Credits	Exam	Test	Teaching Hours			Semester										
						Total	Theory	Practice	I	II	III	IV	V	VI	VII	VIII	IX	X	
Standard	1	Military Theory	2		1	32	20	12	32										
	2	Ideology and Moral Cultivation & Basics of Law	3		1-6	48	18	30	18	6	6	6	6	6					
	3	Situation and Policy	2.5		2-6	40	40	0		8	8	8	8	8					
	4	Outline of Modern China History	2		2	32	26	6		32									
	5	Introduction to the Basic Principles of Marxism	3	3		48	36	12			48								
	6	Mao Zedong Thought and the Theoretical System of Socialism China Characteristics	6	4		96	72	24				96							
	7	Sports	9	1-6		144	16	128	14	32	32	32	18	16					
	8	English	31.5	1-6		510	256	254	64	152	154	68	52	20					
	9	Occupation Development and Employment Guidance	2		1-3, 7, 8	38	20	18	10	4	4					4	16		
Fundamental	10	Medical Physics	4	1		60	44	16	60										
	11	Analytical Chemistry I, II, III	9	4-6		142	106	36				46/12	36/12	24/12					

Advanced Pharmacy Practice Experience and thesis writing

P r o f e s s i o n a l	F u n d a m e n t a l	12	Basis of Computer Engineering and VFP Programming	7		1, 2	108	52	56	46	62							
		13	Advanced Mathematics	3.5	1		52	52	0	52								
		14	Medical Cytobiology	2.5	2		36	24	12		36							
		15	Histology and Embryology	2	2		32	24	8		32							
		16	Systematic Anatomy and Physiology	8.5	2, 3		136	112	24		64	72						
		17	Basic Chemistry	5.5	1, 6		88	56	32	56/ 32								
		18	Organic Chemistry I, II	9	2, 3		138	112	26		60	52/ 26						
		19	Biochemistry and Molecular Biology	7	4, 5		110	90	20				70	40				
		20	Microbiology&Immunology	3		5	48	32	16					32,16				
		P r o f e s s i o n a l	B a s i c	21	Pharmacy Administration	2		6	30	30	0							30
22	Pharmacokinetics			2.5	6		36	18	18							36		
23	Pharmaceutical Analysis			6.5	7		100	52	48								52/4 8	
24	Professional English			4	4		64	32	32				64					
25	*Principles of Drug Action I (PHAR 438)			3	4		48	48	0				48					
26	*Principles of Drug Action II (PHAR 439)			6	5		96	96	0					96				
27	* Principles of Drug Action III(PHAR 538)			4	6		64	64	0							64		
28	Functional Experiments			6		3, 6	96	8	88			36				60		
29	Pharmaceutics			6.5	5		102	58	44					58/44				

		30	* PHAR 542	5	6		80	80	0					80			
		31	* PHAR 543	5	7		80	80	0						80		
		32	* PHAR 640	5	7		80	80	0						80		
		33	* PHAR 641	5	7		80	80	0						80		
		34	** PHAR 642	5	8		80	80	0							80	
		35	** PHAR 643	5	8		80	80	0							80	
		36	** PHAR 644	5	8		80	80	0							80	
		37	Pharmacotherapy Skills Laboratory	9		6, 7, 8	144	0	144					16	64	64	
	Elective	38	Pharmacy Orientation (English)	1		1	16	16	0	16							
		39	Psychological Health Education of College Students (English)	2		3	32	16	16	32							
		40	Medical Psychology (English)	1		3	16	8	8			16					
		41	Doctor-patient Communication(English)	2		7	32	16	16							32	
		total		212.5			3374	2230	1144	432	488	454	450	418	372	440	320
	Practice	1	Pharmacy Practice	1		5, 6	1w							2d	3d		
		2	Advanced Pharmacy Practice Experience and thesis writing	37		9, 10	37 w										
		Total			38			38 w							2d	3d	

Note: the United States only undertake half of the teaching task with marked "*"10 courses.

Table 2: Teachers List of Core Curriculum

No.	Name	Gender	Age	Title	Degree	Profession	Courses
1	Lu Yanxin	F	34	Lecture	Master	cytobiology	Medical Cytobiology
2	Wang Yan	M	42	Associate Prof.	Master	Human Anatomy	Systematic Anatomy and Physiology
3	Wang Bin	F	45	Prof.	Doctor	Physiology	Systematic Anatomy and Physiology
4	Xia Chunhui	M	45	Prof.	Doctor	Organic Chemistry	Organic Chemistry
5	Wang Shuying	F	54	Prof.	Bachelor	Biochemistry	Biochemistry and Molecular Biology
6	Wang Honglan	F	36	Associate Prof.	Master	Biochemistry	Biochemistry and Molecular Biology
7	Sun Huili	F	45	Prof.	Master	Histology and Embryology	Histology and Embryology
8	Cheng Qianguang	M	45	Prof.	Master	English	Professional English
9	Cui Hongxia	F	40	Associate Prof.	Doctor	Pharmacy	Functional Experiments
10	Han Cuiyan	F	45	Prof.	Doctor	Pharmaceutics	Pharmaceutics
11	Zhao Fengzi, etc.	F	45	Prof.	Doctor	Clinical Medicine	Pharmacotherapy Skills Laboratory
12							PHAR 438
13							PHAR 439
14							PHAR 538
15							PHAR 542
16							PHAR 543
17							PHAR 640
18							PHAR 641
19							PHAR 642
20							PHAR 643
21							PHAR 644

Note: please fill the blank with teachers information of TSU

Table 3: Teaching Material List of Core Curriculum

No.	Name of Book	Publisher	Editor
1	Medical Cytobiology	People's Medical Publishing House	Chen Yuhua
2	Systematic Anatomy and Physiology	People's Medical Publishing House	Bai Shuling,Zhu Danian
3	Organic Chemistry	People's Medical Publishing House	Lu Tao
4	Biochemistry and Molecular Biology	People's Medical Publishing House	Cha Xiliang
5	Histology and Embryology	People's Medical Publishing House	Zhou Zhongzhi
6	Professional English	Self-designed	Cheng Qianguang
7	Functional Experiments	Science Publishing	Li Tao
8	Pharmaceutics	People's Medical Publishing House	Cui Fude
9	Pharmacotherapy Skills Laboratory		
10	PHAR 438		
11	PHAR 439		
12	PHAR 538		
13	PHAR 542		
14	PHAR 543		
15	PHAR 640		
16	PHAR 641		
17	PHAR 642		
18	PHAR 643		
19	PHAR 644		

Note: please fill the blank with publisher and editor of the U.S.