

Global Health – People’s Hospital – Beijing, China Elective Curriculum

Title of Clerkship: Global Health – Beijing China Elective Clerkship

Elective Type: Fourth-Year Elective Clerkship

UT Department: Emergency Medicine

International Department/

- Clerkship(s):**
- Emergency Medicine & Critical Care
 - Traditional Chinese Medicine

Clerkship Site: People’s Hospital of Peking University, Beijing China

Course Number:

Blocks available: Potentially, Blocks 15, 16, 17, 18, 19, 21, 22, but **students must first check availability with The Center for International Health, then get additional necessary approvals PRIOR TO enrolling. Please see “Special Requirements” section below.** (excluding 13-July, 14-August & 20-February)

Number of students per block: 2 – 4

UT Faculty: Kris Brickman, M.D.

International Faculty: Dr. Yuansheng Liu, Director of the Emergency Department/Clerkship Coordinator
Dr. Jianbo Yu
Dr. Weiwei Zheng
Dr. Kexin Xu (cavinx@hotmail.com) International Affairs Coordinator

Elective Description/Requirements:

This elective clerkship will enable fourth-year medical students to develop clinical experience in both inpatient and outpatient clinical settings at People’s Hospital of Peking University Beijing China. The students will live in an apartment complex next to the hospital that is primarily for foreign dignitaries visiting Peking University and/or People’s Hospital.

Students will work primarily with Attending physicians in the Emergency Department in specialties of Critical Care/Emergency Medicine at People’s Hospital. Students will work along side training residents in Emergency Medicine and Critical Care as well as medical students from Peking University.

People’s Hospital is the major affiliate clinical site for Peking University Medical Education Programs. People’s Hospital has 1443 inpatient beds and over 3 million outpatient visits per year. The Emergency Department sees over 130,000 patients per year and serves as the primary teaching site for Emergency Medicine and Critical Care for Peking University School of Medicine. There are

88 beds in the Emergency Department covering areas ranging from Emergency Critical Care unit to Observation beds. The Emergency Department has 30 full time staff Attendings and over 150 nurses working in the Emergency Department. There are 30 Emergency Medicine residents completing a 5-year training program in Emergency Medicine.

Students will be expected to manage a wide variety of clinical disease entities both medical and surgical. Specifically the student will learn to integrate their knowledge and concepts of medical care within the Chinese medical system. They will also participate in managing a variety of medical/surgical problems that are similar to the U.S. Health Care System as well as those that are unique to China/Asia. These disease entities include but are not limited to; trauma and acute surgical disease, cardiology and acute coronary artery disease, Tropical Medicine and acute infectious disorders, acute neurologic emergencies, gastrointestinal disorders, pulmonary disease, endocrine and renal/urologic disorders.

In addition the student will be expected to develop a knowledge and understanding of Traditional Chinese Medicine and how this is woven within the fabric of the evolution of Western medicine in Chinese health care. Students will also be expected to attend didactic conferences for Emergency Medicine and Critical Care. These conferences are in English and will also be attended by the national and international medical students and residents in the Emergency Department at People’s Hospital. After initiation of clerkships in Emergency Medicine at People’s Hospital it is anticipated that other specialties will also be available for students at People’s Hospital after a successful integration of UT medical students. These would involve virtually all medical/surgical specialties that are represented at this large tertiary care hospital.

Length of Clerkship: Four to eight Weeks, including approximately four days (total) traveling to and from Beijing, China.

Links to EPOs: Educational Course Objectives (ECOs):

K12, K13, K14, K15, K16, S8, S9, P6, P7	1. Describe the institutional mission of People’s Hospital of Peking University and relate it to the breadth and depth of medical care provided. Include the size of the catchment area served by this tertiary care hospital.
K3, K6, K7, K8, K9, K10, K12, K13, K14, K15, S2, S8, S9, S10, S11, P5, P6, P7	2. Discuss the impact of the three leading types of cancer on (a) the local, urban population served by People’s Hospital of Peking University (b) prevalence throughout China, and (c) the population in rural villages near Beijing. Include prevalence, societal productivity / economic impact, mortality and any major public health initiatives currently underway to address the underlying etiologies or access to treatment.

K3, K4, K5, K6, K7, K8, K12, K13, K14, K15, K16, S7, S8, S9, S10, S11, P3, P6, P7	3. Compare and contrast the inpatient clinical and laboratory facilities at The University of Toledo Medical Center (UTMC) and People's Hospital of Peking University. Include the factors that make each a leader in regional provision of tertiary medical care.
K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12, K13, K14, K15, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, P1, P2, P3, P4, P5, P6, P7	4. Discuss the clinical assessment, diagnostic testing and recommended treatment of an individual brought to People's Hospital of Peking University Emergency Department with acute respiratory insufficiency (shortness of breath). Include the various factors to be considered in the allocation of potentially scarce clinical resources.
K9, K10, K11, K12, K13, K14, K15, K16, S2, P1, P2, P3, P4, P5, P6, P7	5. Discuss the similarities and differences between delivery of emergency clinical care at UTMC and People's Hospital of Peking University. Explain the degree to which physicians have autonomy in deciding which course of treatment to pursue, as well as the impact of an individual's ability to pay (for medical services) on the type of treatment provided?
K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12, K13, K14, K15, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, P3, P5, P6, P7	6. Describe the three most common infectious diseases seen at People's Hospital of Peking University and the pathogenesis, differential diagnosis, assessment and recommended treatment for each. Include similarities and differences in diagnostic assessment and treatment of the most common infections encountered at People's Hospital of Peking University. Discuss how the concept of "public health" influences treatment decisions at both institutions.
K12, K13, K14, K15, K16, S8, S9, S11, P6, P7	7. Compare the "typical" worldview of someone from Beijing, China with that of someone born and raised in Toledo, Ohio. Discuss differences in the understanding of "health and wellness" vs. "disease and illness", and explain how these differences impact the delivery of medical care in both locations.
K3, K9, K10, K11, K12, K13, K16, S1, S2, S9, P1, P2, P5, P6	8. Describe the cultural differences in the physician/patient relationship in China compared to the United States and outline the health care system and medical ethics issues that face China that may interfere with optimal overall patient care. Incorporate both patient and physician perception to the rapidly changing health care landscape as it relates to these medical ethics/system issues.
K5, K6, K7, K10, K11, K13, K14, K15, S2, S7, S8,	9. Identify the similarities of the Chinese and American health care systems as well as the disparities that currently exist. Define the obstacles that exist that may limit health care development in

S11, P3, P7	selected areas of deficiency.
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Professionalism: UT COM students will meet or exceed the institutional standards for professionalism as stated in the current Educational Program Objectives (EPOs) and the current Educational Course Objectives (ECOs) for the sponsoring departments.

Instructional Methods:

- Ambulatory care experience
- Case write-ups
- Clinical case presentations / discussions
- Diagnostic tests – use / interpretation
- Independent study
- Inpatient rounds
- Interpretation of lab data
- Mentored clinical practice
- Teaching rounds
- Lecture/media
- Residency program/Department Conferences

Evaluation Methods Employed:

- Attendance
- Case presentation
- Case write-up
- Clinical log
- Faculty observation and assessment of clinical skills
- Narrative
- Reflective paper
- Self-assessment
- Evaluation of participation and small group discussion
- Faculty observation of behavior in small groups
- Professional behavior report
- Professionalism assessments
- Written papers/projects

Prerequisites: Successful completion of all third-year required clerkships

Clerkship Director: Kris Brickman, M.D.

Clerkship Coordinator: Pamela Woznicki

Phone Number: 419-383-6330

Email: Pamela.woznicki @utoledo.edu

Special Requirements:

Students participating in this elective will need to fulfill ALL requirements set forth by the UT COM International Travel Committee and gain approval

from that body (a) PRIOR TO enrolling in this elective, and (b) at least four months prior to anticipated departure from the U.S.

Each student will be responsible for securing funding for his / her own air transportation, entry visa to China, exit fees and other costs associated with travel between the U.S. and China. Costs associated with transportation, food and lodging will be borne by the student or student sponsor.

While the language spoken in Beijing is Chinese, key medical and administrative personnel at People's Hospital including medical students, residents and faculty will speak English fluently with UT COM students.

Students will have telephone service through their cell phones but will require prior conversion for international travel in China. Also telephone cards can be used for international calls as well as calls within China. Internet access will be available in Beijing and students are advised to take their own laptops with them for this rotation. All costs and expenses though for telephone usage, long distance service and internet use will be the responsibility of the student.

A formal orientation will be provided through the Office of Global Health on the Health Science Campus. Students will be required to attend these orientation sessions to gain an understanding of their rotation, the cultural issues of China and the similarities and differences in clinical practice as it pertains to People's Hospital and their specific rotation. Video-conferencing (e.g. via Skype) with key medical and institutional leaders from People's Hospital will occur as necessary prior to the commencement of travel to complete this orientation process. There will be weekly contact with students and the Office of Global Health while all students are on International rotations abroad. Discussions with the International liaison in Beijing and the University of Toledo coordinator in the Office of Global Health will occur at least twice monthly to review the students rotation. These updates are to assure appropriate completion of program goals and objectives and to maintain ongoing communication between the two programs.

AAMC Hot Topics Addressed in this Elective Clerkship:

General Hot Topics

- Biostatistics
- Clinical pathology
- Clinical problem solving / decision making
- Communication skills
- Community health
- Cultural diversity / multi-cultural medicine
- End-of-life care
- Epidemiology / population-based medicine
- Evidence-based medicine
- Family violence / abuse

- Geriatrics
- Health disparities
- Health care financing
- Health care systems
- Human development / life cycle
- Human sexuality
- Medical ethics
- Medical socioeconomics
- Nutrition
- Occupational health / medicine
- Pain management
- Palliative care
- Patient health education
- Prevention and health maintenance / preventive medicine
- Rehabilitation / care of disabled
- Substance abuse
- Women's health

Hot Topics Related to Clinical Prevention and Population Health

- Counseling for health risk reduction
- Disease screening tests
- Environmental health
- Health determinants
- Health policy development processes
- Health services financing
- Health surveillance strategies
- Health care workforce
- Immunization
- Public health systems

Additional Hot Topics

- Health literacy
- Racial / ethnic demographics of illness

May 19, 2009